

Alchemical Symbols

Range: 1F700–1F77F

This file contains an excerpt from the character code tables and list of character names for *The Unicode Standard, Version 18.0 ALPHA REVIEW DRAFT*

Characters in this chart that are new for The Unicode Standard, Version 18.0 are shown in conjunction with any existing characters. For ease of reference, the new characters have been highlighted in the chart grid and in the names list. This file will not be updated with errata, or when additional characters are assigned to the Unicode Standard.

See <https://www.unicode.org/errata/> for an up-to-date list of errata.

See <https://www.unicode.org/charts/> for access to a complete list of the latest character code charts. See <https://www.unicode.org/charts/PDF/Unicode-18.0/> for charts showing only the characters added in Unicode 18.0. See <https://www.unicode.org/Public/18.0.0/charts/> for a complete archived file of character code charts for Unicode 18.0. See <https://www.unicode.org/charts/About.html#Conventions> for conventions used in these code charts, and other general information.

Disclaimer

These charts are provided as the online reference to the character contents of the Unicode Standard, Version 18.0 but do not provide all the information needed to fully support individual scripts using the Unicode Standard. For a complete understanding of the use of the characters contained in this file, please consult the appropriate sections of The Unicode Standard, Version 18.0, online at <https://www.unicode.org/versions/Unicode18.0.0/>, as well as the Unicode Standard Annexes, the other Unicode Technical Reports and Standards, and the Unicode Character Database, which are available online.

See <https://www.unicode.org/ucd/> and <https://www.unicode.org/reports/>

A thorough understanding of the information contained in these additional sources is required for a successful implementation.

Fonts

The shapes of the reference glyphs used in these code charts are not prescriptive. Considerable variation is to be expected in actual fonts.

See <https://www.unicode.org/charts/fonts.html> for a list.

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


























































































































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	1F70	1F71	1F72	1F73	1F74	1F75	1F76	1F77
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1	 1F701	 1F711	 1F721	 1F731	 1F741	 1F751	 1F761	 1F771
2	 1F702	 1F712	 1F722	 1F732	 1F742	 1F752	 1F762	 1F772
3	 1F703	 1F713	 1F723	 1F733	 1F743	 1F753	 1F763	 1F773
4	 1F704	 1F714	 1F724	 1F734	 1F744	 1F754	 1F764	 1F774
5	 1F705	 1F715	 1F725	 1F735	 1F745	 1F755	 1F765	 1F775
6	 1F706	 1F716	 1F726	 1F736	 1F746	 1F756	 1F766	 1F776
7	 1F707	 1F717	 1F727	 1F737	 1F747	 1F757	 1F767	 1F777
8	 1F708	 1F718	 1F728	 1F738	 1F748	 1F758	 1F768	 1F778
9	 1F709	 1F719	 1F729	 1F739	 1F749	 1F759	 1F769	 1F779
A	 1F70A	 1F71A	 1F72A	 1F73A	 1F74A	 1F75A	 1F76A	 1F77A
B	 1F70B	 1F71B	 1F72B	 1F73B	 1F74B	 1F75B	 1F76B	 1F77B
C	 1F70C	 1F71C	 1F72C	 1F73C	 1F74C	 1F75C	 1F76C	 1F77C
D	 1F70D	 1F71D	 1F72D	 1F73D	 1F74D	 1F75D	 1F76D	 1F77D
E	 1F70E	 1F71E	 1F72E	 1F73E	 1F74E	 1F75E	 1F76E	 1F77E
F	 1F70F	 1F71F	 1F72F	 1F73F	 1F74F	 1F75F	 1F76F	 1F77F

Symbols for Aristotelian elements

- 1F700 ☿ ALCHEMICAL SYMBOL FOR QUINTESSENCE
 1F701 △ ALCHEMICAL SYMBOL FOR AIR
 1F702 △ ALCHEMICAL SYMBOL FOR FIRE
 → 25B3 △ white up-pointing triangle
 1F703 ▽ ALCHEMICAL SYMBOL FOR EARTH
 → 2641 ♂ earth
 1F704 ▽ ALCHEMICAL SYMBOL FOR WATER
 → 25BD ▽ white down-pointing triangle

Symbols for important solvents

- 1F705 ☿ ALCHEMICAL SYMBOL FOR AQUAFORTIS
 1F706 ☿ ALCHEMICAL SYMBOL FOR AQUA REGIA
 1F707 ☿ ALCHEMICAL SYMBOL FOR AQUA REGIA-2
 = balneum arenae (sand bath), lapis armenus
 (Armenian stone)
 1F708 ☿ ALCHEMICAL SYMBOL FOR AQUA VITAE
 = spiritus vini
 1F709 ☿ ALCHEMICAL SYMBOL FOR AQUA VITAE-2
 1F70A ☿ ALCHEMICAL SYMBOL FOR VINEGAR
 = crucible; acid; distill; atrament; vitriol; red sulfur;
 borax; wine; alkali salt; mercurius vivus, quick
 silver
 → 2629 ☿ cross of jerusalem
 1F70B ☿ ALCHEMICAL SYMBOL FOR VINEGAR-2
 = distilled vinegar
 1F70C ☿ ALCHEMICAL SYMBOL FOR VINEGAR-3

Symbols for sulfur and mercury

- 1F70D ☿ ALCHEMICAL SYMBOL FOR SULFUR
 = brimstone
 1F70E ☿ ALCHEMICAL SYMBOL FOR PHILOSOPHERS
 SULFUR
 1F70F ☿ ALCHEMICAL SYMBOL FOR BLACK SULFUR
 = sulfur nigra, dye
 1F710 ☿ ALCHEMICAL SYMBOL FOR MERCURY
 SUBLIMATE
 → 263F ☿ mercury
 → 1F75E ☿ alchemical symbol for sublimation
 1F711 ☿ ALCHEMICAL SYMBOL FOR MERCURY
 SUBLIMATE-2
 1F712 ☿ ALCHEMICAL SYMBOL FOR MERCURY
 SUBLIMATE-3
 1F713 ☿ ALCHEMICAL SYMBOL FOR CINNABAR

Symbols for salt, vitriol, and nitre

- 1F714 ⊖ ALCHEMICAL SYMBOL FOR SALT
 → 25A1 □ white square
 → 2296 ⊖ circled minus
 1F715 ⊖ ALCHEMICAL SYMBOL FOR NITRE
 → 29B6 ⊖ circled vertical bar
 1F716 ⊖ ALCHEMICAL SYMBOL FOR VITRIOL
 1F717 ⊖ ALCHEMICAL SYMBOL FOR VITRIOL-2
 1F718 ☿ ALCHEMICAL SYMBOL FOR ROCK SALT
 = sal gemmae
 1F719 ☿ ALCHEMICAL SYMBOL FOR ROCK SALT-2

Symbols for gold and silver

- 1F71A ☿ ALCHEMICAL SYMBOL FOR GOLD
 → 2609 ☿ sun
 1F71B ☿ ALCHEMICAL SYMBOL FOR SILVER
 → 263D ☿ first quarter moon
 → 263E ☿ last quarter moon

Symbols for iron, iron ore and derivatives

- 1F71C ☿ ALCHEMICAL SYMBOL FOR IRON ORE
 → 2642 ♂ male sign
 1F71D ☿ ALCHEMICAL SYMBOL FOR IRON ORE-2
 1F71E ☿ ALCHEMICAL SYMBOL FOR CROCUS OF IRON
 = crocus martis, red or yellow calcined powder of
 iron
 → 26A6 ♂ male with stroke sign
 1F71F ☿ ALCHEMICAL SYMBOL FOR REGULUS OF IRON
 = regulus martis, scoria from refining
 stibnite/antimony with iron

Symbols for copper, copper ore and derivatives


- 1F720 ☿ ALCHEMICAL SYMBOL FOR COPPER ORE
 → 2640 ♀ female sign
 1F721 ☿ ALCHEMICAL SYMBOL FOR IRON-COPPER ORE
 → 26A5 ☿ male and female sign
 1F722 ☿ ALCHEMICAL SYMBOL FOR SUBLIMATE OF
 COPPER
 → 1F739 ☿ alchemical symbol for sal-
 ammoniac
 1F723 ☿ ALCHEMICAL SYMBOL FOR CROCUS OF
 COPPER
 = crocus veneris, aes ustum
 1F724 ☿ ALCHEMICAL SYMBOL FOR CROCUS OF
 COPPER-2
 1F725 ☿ ALCHEMICAL SYMBOL FOR COPPER
 ANTIMONIATE
 = crocus of copper, crocus veneris, lapis
 haematites
 → 2641 ♂ earth
 1F726 ☿ ALCHEMICAL SYMBOL FOR SALT OF COPPER
 ANTIMONIATE
 → 1F714 ⊖ alchemical symbol for salt
 1F727 ☿ ALCHEMICAL SYMBOL FOR SUBLIMATE OF
 SALT OF COPPER
 → 1F739 ☿ alchemical symbol for sal-
 ammoniac
 1F728 ⊕ ALCHEMICAL SYMBOL FOR VERDIGRIS
 = aes viride, copper subacetate
 = astronomical symbol for earth
 → 2295 ⊕ circled plus
 → 2641 ♂ earth


Symbols for tin and lead ore

- 1F729 ☿ ALCHEMICAL SYMBOL FOR TIN ORE
 → 2643 ☿ jupiter
 1F72A ☿ ALCHEMICAL SYMBOL FOR LEAD ORE
 → 2644 ☿ saturn

Symbols for antimony, antimony ore and derivatives

- 1F72B ☿ ALCHEMICAL SYMBOL FOR ANTIMONY ORE
 = stibnite
 → 2641 ♂ earth
 1F72C ☿ ALCHEMICAL SYMBOL FOR SUBLIMATE OF
 ANTIMONY
 → 1F739 ☿ alchemical symbol for sal-
 ammoniac
 1F72D ☿ ALCHEMICAL SYMBOL FOR SALT OF
 ANTIMONY
 = cinnabar
 → 1F714 ⊖ alchemical symbol for salt
 1F72E ☿ ALCHEMICAL SYMBOL FOR SUBLIMATE OF
 SALT OF ANTIMONY
 1F72F ☿ ALCHEMICAL SYMBOL FOR VINEGAR OF
 ANTIMONY

1F730  **ALCHEMICAL SYMBOL FOR REGULUS OF ANTIMONY**
= antimony metal

1F731  **ALCHEMICAL SYMBOL FOR REGULUS OF ANTIMONY-2**

1F732  **ALCHEMICAL SYMBOL FOR REGULUS**

1F733  **ALCHEMICAL SYMBOL FOR REGULUS-2**


1F734  **ALCHEMICAL SYMBOL FOR REGULUS-3**


1F735  **ALCHEMICAL SYMBOL FOR REGULUS-4**



Symbols for other substances


1F736  **ALCHEMICAL SYMBOL FOR ALKALI**
= sal alkali


1F737  **ALCHEMICAL SYMBOL FOR ALKALI-2**


1F738  **ALCHEMICAL SYMBOL FOR MARCASITE**
= iron pyrite, iron sulfide



1F739  **ALCHEMICAL SYMBOL FOR SAL-AMMONIAC**
= ammonium chloride
→ 002A * asterisk
→ 26B9 * sextile
→ 2733 * eight spoked asterisk



1F73A  **ALCHEMICAL SYMBOL FOR ARSENIC**
→ 29DF  double-ended multimap


1F73B  **ALCHEMICAL SYMBOL FOR REALGAR**
= arsenic sulfide


1F73C  **ALCHEMICAL SYMBOL FOR REALGAR-2**
= arsenic sulfide


1F73D  **ALCHEMICAL SYMBOL FOR AURIPIGMENT**
= orpiment
= arsenic trisulfide

1F73E  **ALCHEMICAL SYMBOL FOR BISMUTH ORE**
= tinglass
→ 2646  neptune

1F73F  **ALCHEMICAL SYMBOL FOR TARTAR**
= impure potassium tartrate
→ 1CED4  alchemical symbol for salt of tartar

1F740  **ALCHEMICAL SYMBOL FOR TARTAR-2**
= impure potassium tartrate




1F741  **ALCHEMICAL SYMBOL FOR QUICK LIME**
= calx viva
= calcium oxide

1F742  **ALCHEMICAL SYMBOL FOR BORAX**

1F743  **ALCHEMICAL SYMBOL FOR BORAX-2**

1F744  **ALCHEMICAL SYMBOL FOR BORAX-3**


1F745  **ALCHEMICAL SYMBOL FOR ALUM**

1F746  **ALCHEMICAL SYMBOL FOR OIL**
→ 0F1C  tibetan sign rdel dkar gsum
→ 1CED2  alchemical symbol for oil inverted


1F747  **ALCHEMICAL SYMBOL FOR SPIRIT**

1F748  **ALCHEMICAL SYMBOL FOR TINCTURE**

1F749  **ALCHEMICAL SYMBOL FOR GUM**


1F74A  **ALCHEMICAL SYMBOL FOR WAX**
= cera



1F74B  **ALCHEMICAL SYMBOL FOR POWDER**
= pulvis


1F74C  **ALCHEMICAL SYMBOL FOR CALX**
= calcinare
= oxide residue, calcium oxide

1F74D  **ALCHEMICAL SYMBOL FOR TUTTY**
= tutia, crude zinc oxide sublimate
= aes viride


1F74E  **ALCHEMICAL SYMBOL FOR CAPUT MORTUUM**
= worthless residue of sublimation or distillation




1F74F  **ALCHEMICAL SYMBOL FOR SCEPTER OF JOVE**

1F750  **ALCHEMICAL SYMBOL FOR CADUCEUS**
→ 2624  caduceus


1F751  **ALCHEMICAL SYMBOL FOR TRIDENT**

1F752  **ALCHEMICAL SYMBOL FOR STARRED TRIDENT**

1F753  **ALCHEMICAL SYMBOL FOR LODESTONE**
= magnes

1F754  **ALCHEMICAL SYMBOL FOR SOAP**
→ 25CA  lozenge
→ 2B26  white medium diamond


1F755  **ALCHEMICAL SYMBOL FOR URINE**
→ 22A1  squared dot operator

1F756  **ALCHEMICAL SYMBOL FOR HORSE DUNG**
= fimus equinus

1F757  **ALCHEMICAL SYMBOL FOR ASHES**
= cineres


1F758  **ALCHEMICAL SYMBOL FOR POT ASHES**
= cineres clavellati, alumen


1F759  **ALCHEMICAL SYMBOL FOR BRICK**

1F75A  **ALCHEMICAL SYMBOL FOR POWDERED BRICK**
= later cibratus, farina laterum




Composition


1F75B  **ALCHEMICAL SYMBOL FOR AMALGAM**


1F75C  **ALCHEMICAL SYMBOL FOR STRATUM SUPER STRATUM**


1F75D  **ALCHEMICAL SYMBOL FOR STRATUM SUPER STRATUM-2**


Processes

1F75E  **ALCHEMICAL SYMBOL FOR SUBLIMATION**
→ 260A  ascending node
→ 264E  libra


1F75F  **ALCHEMICAL SYMBOL FOR PRECIPITATE**

1F760  **ALCHEMICAL SYMBOL FOR DISTILL**
= sublimate



1F761  **ALCHEMICAL SYMBOL FOR DISSOLVE**
→ 0192 *f* latin small letter f with hook
→ 2A0D *f* finite part integral


1F762  **ALCHEMICAL SYMBOL FOR DISSOLVE-2**
= water, aqua


1F763  **ALCHEMICAL SYMBOL FOR PURIFY**
→ 260B  descending node


1F764  **ALCHEMICAL SYMBOL FOR PUTREFACTION**

Apparatus

1F765  **ALCHEMICAL SYMBOL FOR CRUCIBLE**
= tigillum
→ 1F70A  alchemical symbol for vinegar


1F766  **ALCHEMICAL SYMBOL FOR CRUCIBLE-2**


1F767  **ALCHEMICAL SYMBOL FOR CRUCIBLE-3**



1F768  **ALCHEMICAL SYMBOL FOR CRUCIBLE-4**
→ 0166 *T* latin capital letter t with stroke

1F769  **ALCHEMICAL SYMBOL FOR CRUCIBLE-5**

1F76A  **ALCHEMICAL SYMBOL FOR ALEMBIC**

1F76B  **ALCHEMICAL SYMBOL FOR BATH OF MARY**
= balneum mariae

1F76C  **ALCHEMICAL SYMBOL FOR BATH OF VAPOURS**
= balneum vaporis

1F76D  **ALCHEMICAL SYMBOL FOR RETORT**
→ 2697  alembic

Time

- 1F76E ∞ ALCHEMICAL SYMBOL FOR HOUR
 • simple form is 29D6 ⌘
 → 231B ⌘ hourglass
 → 29D6 ⌘ white hourglass
- 1F76F ∞ ALCHEMICAL SYMBOL FOR NIGHT
- 1F770 ∞ ALCHEMICAL SYMBOL FOR DAY-NIGHT
- 1F771 ☒ ALCHEMICAL SYMBOL FOR MONTH
 = mensis
 → 22A0 ☒ squared times

Measures

- 1F772 ℥ ALCHEMICAL SYMBOL FOR HALF DRAM
 = drachma semis
 • handwritten ligature of 0292 3 + 00DF ℬ,
 typically spelled out as 3ss
 → 0292 3 latin small letter ezh
- 1F773 ℥ ALCHEMICAL SYMBOL FOR HALF OUNCE
 = uncia semis
 • handwritten ligature of 2125 3 + 00DF ℬ,
 typically spelled out as 2125 3 ss
 → 2125 3 ounce sign

Other symbol

- 1F774 ⊗ LOT OF FORTUNE
 = pars fortunae
 → 2297 ⊗ circled times

Eclipse symbols

- 1F775 ☾ OCCULTATION
 → 260C ☾ conjunction
- 1F776 ☾ LUNAR ECLIPSE
 → 260D ☾ opposition

Historical symbols for asteroids

- 1F777 ♀ VESTA FORM TWO
 → 26B6 ♀ vesta
- 1F778 ♀ ASTRAEA FORM TWO
 → 2BD9 ♀ astraea
- 1F779 ♀ HYGIEA FORM TWO
 → 2BDA ♀ hygiea
- 1F77A ♀ PARTHENOPE FORM TWO
 = Lyra
 → 1CEC4 ♀ parthenope

Symbols for dwarf planets

- 1F77B ♀ HAUMEA
- 1F77C ♀ MAKEMAKE
- 1F77D ♀ GONGGONG
- 1F77E ♀ QUAOAR
- 1F77F ♀ ORCUS