

# The Sky <sup>LIVE</sup>

Your guide to the Solar System and the night sky

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NIGHT GUIDE FEEDBACK

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 Greenwich, United Kingdom [change]

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## GIENAH - $\gamma$ CORVI (GAMMA CORVI)

Gienah, also designated as  $\gamma$  Corvi (gamma Corvi), is a variable giant star in the constellation of **Corvus**.

Gienah visual magnitude is 2.59, making it the 98th brightest star in the sky. Thanks to its high brightness, Gienah is clearly visible when observed from locations with dark skies, and should be also quite easily visible from light polluted areas.

The table below summarizes the key facts about Gienah:

Color of Gienah



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## Other stars in Corvus

- Gienah
- Kraz
- Algorab
- $\epsilon$  Corvi
- Alchiba

Magnitude of Gienah	2.59
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Class	Giant
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### VISIBILITY RIGHT NOW

Gienah -  $\gamma$  Corvi (gamma Corvi) is **above the horizon** from Greenwich, United Kingdom  
[change]. Altitude: 1°.

## CELESTIAL COORDINATES AND FINDER CHART OF GIENAH

Gienah is situated close to the celestial equator, as such, it is at least partly visible from both hemispheres in certain times of the year. Celestial coordinates for the J2000 equinox as well as galactic coordinates of Gienah are provided in the following table:

Right Ascension J2000	12h 15m 48s
Declination J2000	-17° 32' 30"
Galactic Longitude	290.99°
Galactic Latitude	44.5°
Constellation	Corvus

The simplified sky map below shows the position of Gienah in the sky:

- $\eta$  Corvi
- HR4699
- $\zeta$  Corvi
- HR4590
- 3 Corvi
- HR4779
- HR4759
- 6 Corvi
- HR4776
- HR4655
- HR4691
- HR4822
- HR4809
- HR4827
- HR4670
- HR4821
- HR4911
- HR4797
- HR4778
- HR4588
- HR4758
- HR4742
- HR4661



*Simplified finder chart for Gienah -  $\gamma$  Corvi (gamma Corvi).*

## VISIBILITY OF GIENAH FROM YOUR LOCATION

**Location:** Greenwich, United Kingdom [[change](#)]

**Latitude:** 51° 28' 47" N

**Longitude:** 0° 00' 00" E

**Timezone:** Europe/London

Today's **Gienah -  $\gamma$  Corvi (gamma Corvi)** rise, **transit** and set times from Greenwich, United Kingdom [**change**] are the following (all times relative to the local timezone Europe/London):

**RISE**

Azimuth: 107.5°

**23:26****TRANSIT**

Max altitude: 21.0°

**3:55****SET**

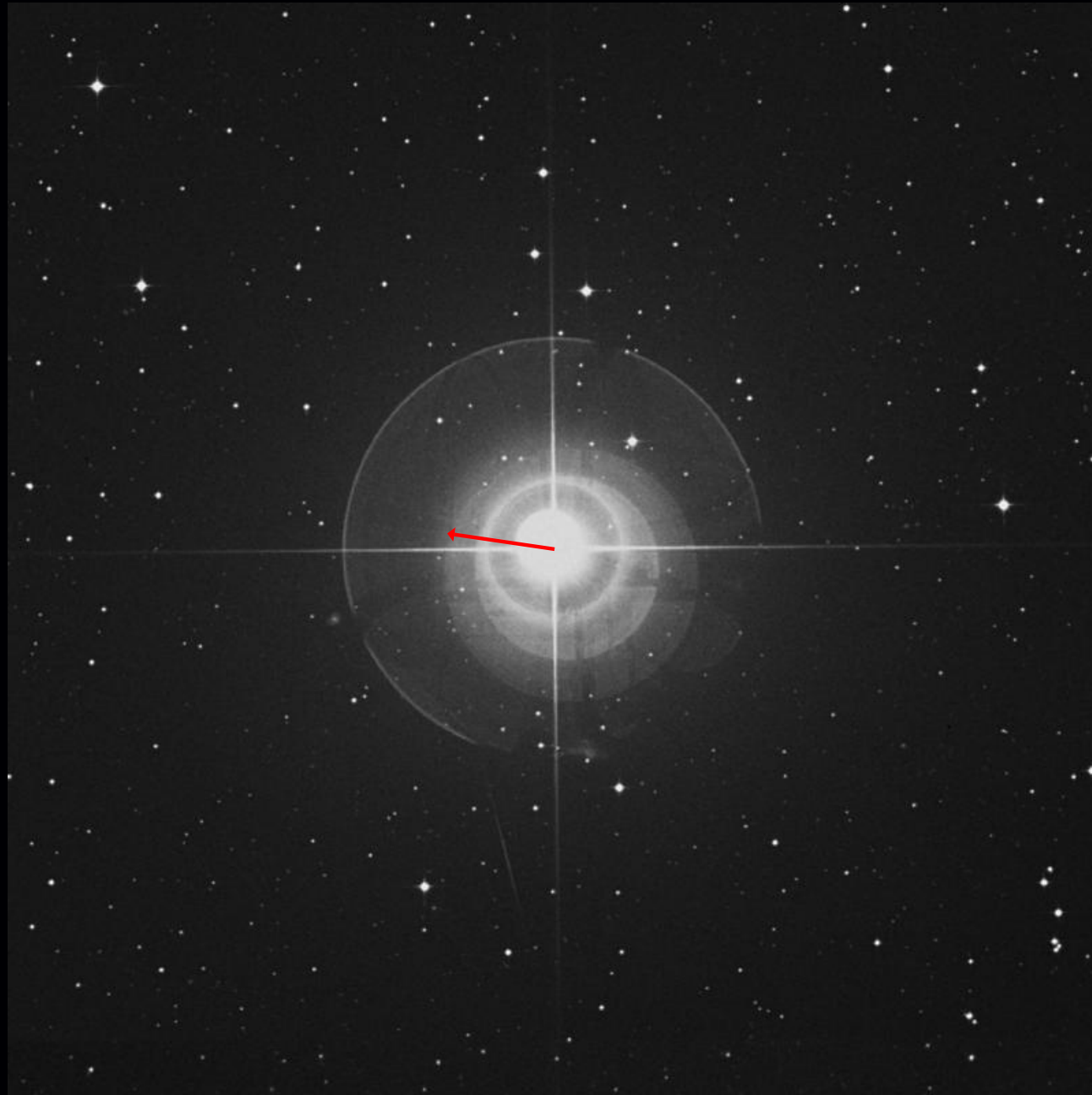
Azimuth: 252.5°

**8:19****RIGHT NOW**

Gienah -  $\gamma$  Corvi (gamma Corvi) is above the horizon from Greenwich, United Kingdom

## DIGITIZED SKY SURVEY IMAGE OF GIENAH

The image below is a photograph of Gienah from the Digitized Sky Survey 2 (DSS2 - see the **credits** section) taken in the red channel. The area of sky represented in the image is 0.5x0.5 degrees (30x30 arcmins). The **proper motion** of Gienah is -0.161 arcsec per year in Right Ascension and 0.023 arcsec per year in Declination and the associated displacement for the next 1000 years is represented with the red arrow.



*DSS2 image of Gienah. The red arrow shows the motion of Gienah during the next **1000 years** (-2.68 arcmin in Right Ascension and 0.38 arcmin in declination);*

## DISTANCE OF GIENAH FROM THE SUN AND RELATIVE MOVEMENT

Gienah is distant 164.81 light years from the Sun and it is moving towards the Sun at the speed of 4 kilometers per second.

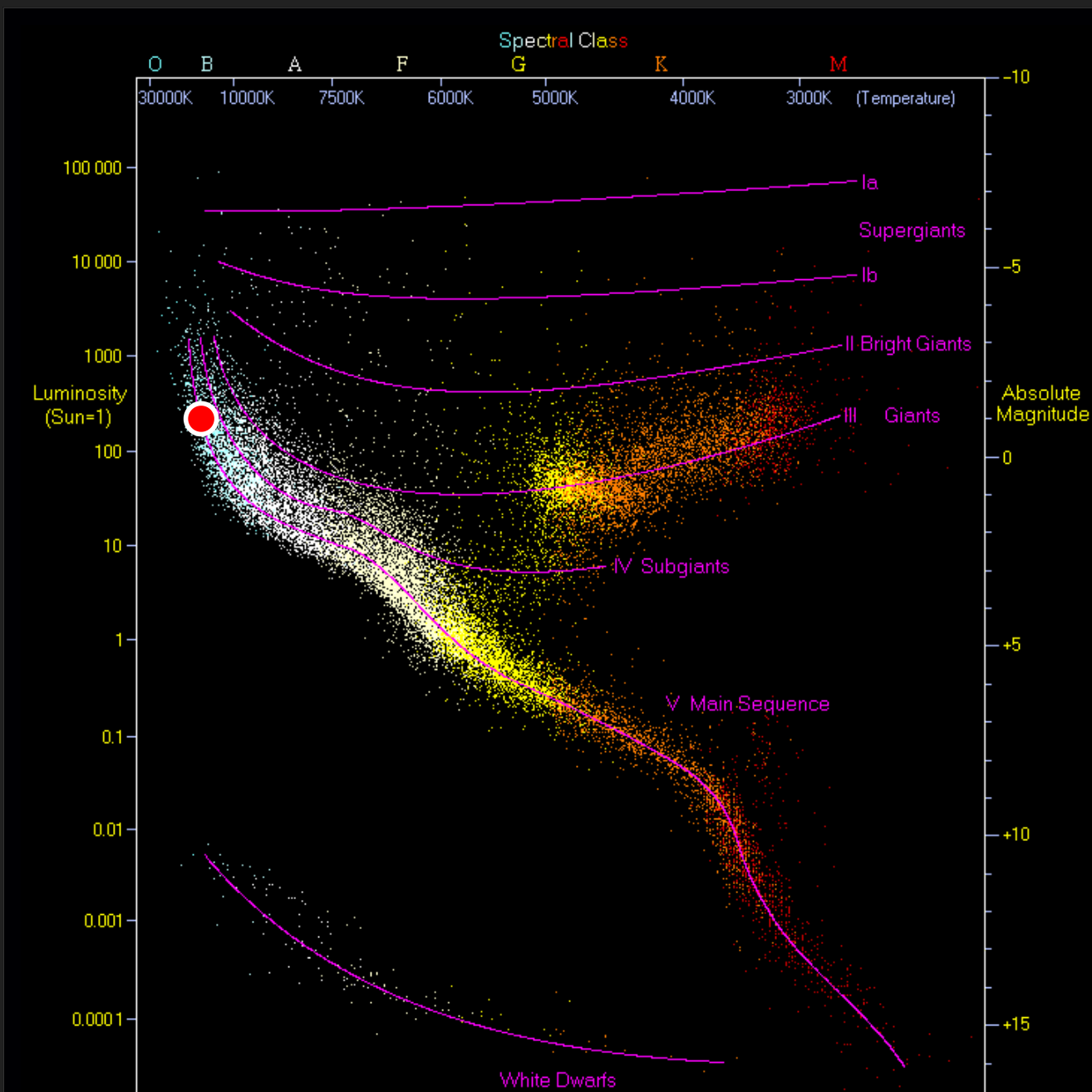
Distance (parsec)	50.56 pc
Distance (light year)	164.81 ly
Heliocentric radial velocity	-4 km/s
Proper Motion RA	-0.161 arcsec/year
Proper Motion Dec	0.023 arcsec/year

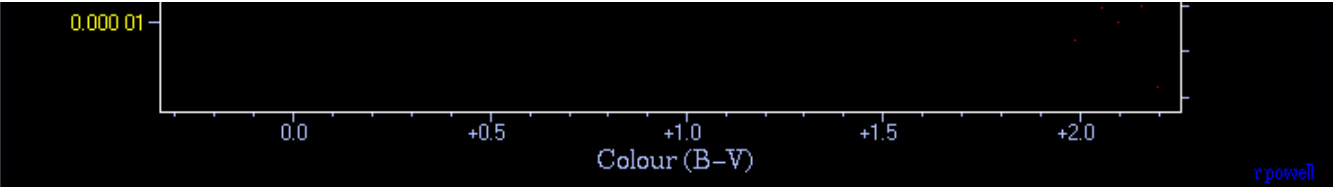
## SPECTRAL PROPERTIES OF GIENAH

Gienah belongs to **spectral class** B8 and has a luminosity class of III corresponding to a giant star. Gienah is also a HgMn **chemically peculiar star**.

Absolute magnitude	-0.93
Spectral Type	B8III
<b>Color Index (B-V)</b>	-0.11
Temperature of Gienah	11744K

The red dot in the diagram below shows where Gienah is situated in the **Hertzsprung-Russell** diagram.





*H-R diagram showing the position of Gienah. Attribution: Richard Powell / CC BY-SA*

ALTERNATIVE DESIGNATIONS OF GIENAH

Proper Name	Gienah
Bayer designation	$\gamma$ Corvi (gamma Corvi)
Flamsteed designation	4 Corvi
Henry Draper Catalogue	HD106625
SAO Catalogue	SAO157176
SAO Catalogue	SAO157176
Hipparcos Catalogue	HIP59803
Durchmusterung Catalogue	BD-16 3424
FK5 Catalogue	457
General Catalogue of Variable Stars	5515



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