Claims

[Claim 1]

An optical element having a transmission spectrum characterized in that a local maximum falls within the region of a wavelength longer than 315 nm but shorter than or equal to 400 nm, a local minimum falls within the region of a wavelength longer than or equal to 380 nm but shorter than or equal to 500 nm, and the wavelength at the local maximum is shorter than the wavelength at the local minimum,

wherein transmittance at the local maximum is greater than or equal to 80% and transmittance at the local minimum is greater than or equal to 40%,

wherein in the transmission spectrum, transmittance in the region of a wavelength shorter than or equal to 315 nm is lower than or equal to 5%.

[Claim 2]

The optical element according to claim 1, wherein the transmission spectrum has two extreme values formed of the local maximum and the local minimum in the region of a wavelength longer than 315 nm but shorter than or equal to 500 nm.

[Claim 3]

The optical element according to claim 2, wherein in the transmission spectrum, transmittance in the region of a wavelength longer than 500 nm is higher than or equal to 95%.

[Claim 4]

The optical element according to any one of claims 1 to 3, wherein the local maximum falls within the region of a wavelength longer than or equal to 360 nm but shorter than or equal to 400 nm.

[Claim 5]

The optical element according to any one of claims 1 to 4, wherein the local minimum falls within the region of a wavelength longer than or equal to 400 nm but shorter than or equal to 460 nm.

[Claim 6]

The optical element according to any one of claims 1 to 5, wherein the transmittance at the local minimum is smaller than or equal to 60%.

[Claim 7]

An eyewear using the optical element according to any one of claims 1 to 6 as a lens.