

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

Hex(72E3E3) Hex(D9FFFF) Hex(72E372) Hex(698080) Hex(000000) Hex(808080)

	Hex(72E3E3)	Hex(D9FFFF)	Hex(72E372)	Hex(698080)	Hex(000000)	Hex(808080)
Hex(72E3E3)		Ratio: 1.43 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 13.81 Passed ⁶	Ratio: 2.60 Failed ⁵
Hex(D9FFFF)	Ratio: 1.43 Failed ⁵		Ratio: 1.52 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 19.70 Passed ⁶	Ratio: 3.70 AA 18pt ²
Hex(72E372)	Ratio: 1.07 Failed ⁵	Ratio: 1.52 Failed ⁵		Ratio: 2.59 Failed ⁵	Ratio: 12.95 Passed ⁶	Ratio: 2.43 Failed ⁵
Hex(698080)	Ratio: 2.76 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 2.59 Failed ⁵		Ratio: 5.00 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(000000)	Ratio: 13.81 Passed ⁶	Ratio: 19.70 Passed ⁶	Ratio: 12.95 Passed ⁶	Ratio: 5.00 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.60 Failed ⁵	Ratio: 3.70 AA 18pt ²	Ratio: 2.43 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 5.32 AA ¹ AAA 18pt ⁴	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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