

Converting Colors - WCAG Matrix

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

	Hex(8C8A93)	Hex(989993)	Hex(A4A893)	Hex(AFB693)	Hex(BBC593)	Hex(C7D493)	Hex(D3E393)	Hex(DFF193)	Hex(EAFF93)	Hex(F6FF93)
Hex(8C8A93)		Ratio: 1.18 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 3.18 AA 18pt ²
Hex(989993)	Ratio: 1.18 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 2.69 Failed ⁵
Hex(A4A893)	Ratio: 1.39 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(AFB693)	Ratio: 1.61 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.98 Failed ⁵
Hex(BBC593)	Ratio: 1.87 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.71 Failed ⁵
Hex(C7D493)	Ratio: 2.15 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.48 Failed ⁵
Hex(D3E393)	Ratio: 2.46 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.29 Failed ⁵
Hex(DFF193)	Ratio: 2.78 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.15 Failed ⁵
Hex(EAFF93)	Ratio: 3.11 AA 18pt ²	Ratio: 2.63 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(F6FF93)	Ratio: 3.18 AA 18pt ²	Ratio: 2.69 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.02 Failed ⁵	

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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