

Converting Colors - WCAG Matrix

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

	Hex(6B8199)	Hex(7A8999)	Hex(8A9199)	Hex(999999)	Hex(A8A199)	Hex(B8A999)	Hex(C7B199)	Hex(D6B999)	Hex(E5C199)	Hex(F5C999)
Hex(6B8199)		Ratio: 1.12 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.62 Failed ⁵
Hex(7A8999)	Ratio: 1.12 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.34 Failed ⁵
Hex(8A9199)	Ratio: 1.26 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.08 Failed ⁵
Hex(999999)	Ratio: 1.41 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(A8A199)	Ratio: 1.57 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(B8A999)	Ratio: 1.76 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(C7B199)	Ratio: 1.95 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.35 Failed ⁵
Hex(D6B999)	Ratio: 2.15 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(E5C199)	Ratio: 2.38 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.10 Failed ⁵
Hex(F5C999)	Ratio: 2.62 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.10 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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