

Converting Colors - WCAG Matrix

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

	Hex(805C61)	Hex(80696C)	Hex(807677)	Hex(808282)	Hex(808F8D)	Hex(809C98)	Hex(80A9A3)	Hex(80B6AE)	Hex(80C2B9)	Hex(80CFC4)
Hex(805C61)		Ratio: 1.15 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 3.21 AA 18pt ²
Hex(80696C)	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(807677)	Ratio: 1.32 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(808282)	Ratio: 1.50 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.14 Failed ⁵
Hex(808F8D)	Ratio: 1.72 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(809C98)	Ratio: 1.97 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.63 Failed ⁵
Hex(80A9A3)	Ratio: 2.24 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.43 Failed ⁵
Hex(80B6AE)	Ratio: 2.55 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.26 Failed ⁵
Hex(80C2B9)	Ratio: 2.85 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.13 Failed ⁵
Hex(80CFC4)	Ratio: 3.21 AA 18pt ²	Ratio: 2.80 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.13 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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