

Converting Colors - WCAG Matrix

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

	Hex(5E5F6D)	Hex(69696D)	Hex(74736D)	Hex(7F7E6D)	Hex(8A886D)	Hex(95926D)	Hex(9F9C6D)	Hex(AAA66D)	Hex(B5B06D)	Hex(C0BB6D)
Hex(5E5F6D)		Ratio: 1.15 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 3.17 AA 18pt ²
Hex(69696D)	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.75 Failed ⁵
Hex(74736D)	Ratio: 1.32 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.39 Failed ⁵
Hex(7F7E6D)	Ratio: 1.53 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.07 Failed ⁵
Hex(8A886D)	Ratio: 1.75 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(95926D)	Ratio: 1.98 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.60 Failed ⁵
Hex(9F9C6D)	Ratio: 2.23 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(AAA66D)	Ratio: 2.52 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.26 Failed ⁵
Hex(B5B06D)	Ratio: 2.82 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.12 Failed ⁵
Hex(C0BB6D)	Ratio: 3.17 AA 18pt ²	Ratio: 2.75 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.12 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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