

Converting Colors - WCAG Matrix

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

	Hex(5A5F66)	Hex(646566)	Hex(6E6B66)	Hex(787066)	Hex(827666)	Hex(8D7C66)	Hex(978266)	Hex(A18866)	Hex(AB8E66)	Hex(B59466)
Hex(5A5F66)		Ratio: 1.10 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.27 Failed ⁵
Hex(646566)	Ratio: 1.10 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.06 Failed ⁵
Hex(6E6B66)	Ratio: 1.21 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(787066)	Ratio: 1.32 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.72 Failed ⁵
Hex(827666)	Ratio: 1.45 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.56 Failed ⁵
Hex(8D7C66)	Ratio: 1.60 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(978266)	Ratio: 1.75 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.30 Failed ⁵
Hex(A18866)	Ratio: 1.91 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(AB8E66)	Ratio: 2.08 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.09 Failed ⁵
Hex(B59466)	Ratio: 2.27 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.09 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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