

Converting Colors - WCAG Matrix

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

	Hex(80807F)	Hex(807773)	Hex(806E66)	Hex(806559)	Hex(805C4C)	Hex(805340)	Hex(804A33)	Hex(804126)	Hex(803919)	Hex(80300D)
Hex(80807F)		Ratio: 1.11 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 2.26 Failed ⁵
Hex(807773)	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.05 Failed ⁵
Hex(806E66)	Ratio: 1.22 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(806559)	Ratio: 1.35 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(805C4C)	Ratio: 1.50 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.51 Failed ⁵
Hex(805340)	Ratio: 1.64 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.38 Failed ⁵
Hex(804A33)	Ratio: 1.80 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.26 Failed ⁵
Hex(804126)	Ratio: 1.97 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.15 Failed ⁵
Hex(803919)	Ratio: 2.11 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.07 Failed ⁵
Hex(80300D)	Ratio: 2.26 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.07 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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