

Converting Colors - WCAG Matrix

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

	Hex(757374)	Hex(757F7A)	Hex(758A80)	Hex(759686)	Hex(75A28B)	Hex(75AE91)	Hex(75B997)	Hex(75C59D)	Hex(75D1A3)	Hex(75DCA9)
Hex(757374)		Ratio: 1.14 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 2.82 Failed ⁵
Hex(757F7A)	Ratio: 1.14 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 2.48 Failed ⁵
Hex(758A80)	Ratio: 1.28 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.20 Failed ⁵
Hex(759686)	Ratio: 1.45 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(75A28B)	Ratio: 1.64 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.72 Failed ⁵
Hex(75AE91)	Ratio: 1.84 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.53 Failed ⁵
Hex(75B997)	Ratio: 2.05 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.37 Failed ⁵
Hex(75C59D)	Ratio: 2.29 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(75D1A3)	Ratio: 2.56 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.10 Failed ⁵
Hex(75DCA9)	Ratio: 2.82 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.23 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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