

Converting Colors - WCAG Matrix

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

	Hex(99888D)	Hex(997982)	Hex(996977)	Hex(995A6D)	Hex(994B62)	Hex(993C57)	Hex(992C4C)	Hex(991D41)	Hex(990E37)	Hex(99002D)
Hex(99888D)		Ratio: 1.16 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 2.62 Failed ⁵
Hex(997982)	Ratio: 1.16 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 2.26 Failed ⁵
Hex(996977)	Ratio: 1.35 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(995A6D)	Ratio: 1.55 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.69 Failed ⁵
Hex(994B62)	Ratio: 1.77 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.48 Failed ⁵
Hex(993C57)	Ratio: 1.99 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.31 Failed ⁵
Hex(992C4C)	Ratio: 2.22 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(991D41)	Ratio: 2.40 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(990E37)	Ratio: 2.53 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(99002D)	Ratio: 2.62 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.03 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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