

Converting Colors - WCAG Matrix

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

	Hex(605C66)	Hex(5B5266)	Hex(554766)	Hex(4F3D66)	Hex(4A3366)	Hex(442966)	Hex(3F1F66)	Hex(391466)	Hex(330A66)	Hex(2E0066)
Hex(605C66)		Ratio: 1.13 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.46 Failed ⁵
Hex(5B5266)	Ratio: 1.13 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.17 Failed ⁵
Hex(554766)	Ratio: 1.30 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.90 Failed ⁵
Hex(4F3D66)	Ratio: 1.47 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(4A3366)	Ratio: 1.65 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.50 Failed ⁵
Hex(442966)	Ratio: 1.83 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.34 Failed ⁵
Hex(3F1F66)	Ratio: 2.01 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(391466)	Ratio: 2.20 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(330A66)	Ratio: 2.34 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(2E0066)	Ratio: 2.46 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.05 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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