

Converting Colors - WCAG Matrix

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

	Hex(3F2063)	Hex(442A63)	Hex(4A3463)	Hex(4F3E63)	Hex(544863)	Hex(5A5263)	Hex(5F5B63)	Hex(646563)	Hex(6A6F63)	Hex(6F7963)
Hex(3F2063)		Ratio: 1.10 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 2.87 Failed ⁵
Hex(442A63)	Ratio: 1.10 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.61 Failed ⁵
Hex(4A3463)	Ratio: 1.23 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.34 Failed ⁵
Hex(4F3E63)	Ratio: 1.38 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(544863)	Ratio: 1.55 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(5A5263)	Ratio: 1.77 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.63 Failed ⁵
Hex(5F5B63)	Ratio: 1.98 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.45 Failed ⁵
Hex(646563)	Ratio: 2.24 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(6A6F63)	Ratio: 2.54 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.13 Failed ⁵
Hex(6F7963)	Ratio: 2.87 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.13 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.