

Converting Colors - WCAG Matrix

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

	Hex(423B3C)	Hex(424242)	Hex(424847)	Hex(424F4D)	Hex(425553)	Hex(425C58)	Hex(42635E)	Hex(426964)	Hex(427069)	Hex(42766F)
Hex(423B3C)		Ratio: 1.09 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.11 Failed ⁵
Hex(424242)	Ratio: 1.09 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(424847)	Ratio: 1.17 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.80 Failed ⁵
Hex(424F4D)	Ratio: 1.28 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.65 Failed ⁵
Hex(425553)	Ratio: 1.38 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.53 Failed ⁵
Hex(425C58)	Ratio: 1.51 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.40 Failed ⁵
Hex(42635E)	Ratio: 1.65 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(426964)	Ratio: 1.79 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(427069)	Ratio: 1.95 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.08 Failed ⁵
Hex(42766F)	Ratio: 2.11 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.08 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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