

Converting Colors - WCAG Matrix

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

	Hex(72329D)	Hex(571782)	Hex(3D0069)	Hex(220050)	Hex(000038)	Hex(000222)	Hex(000007)	Hex(000000)
Hex(72329D)		Ratio: 1.44 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 2.66 Failed ⁵
Hex(571782)	Ratio: 1.44 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(3D0069)	Ratio: 1.90 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.40 Failed ⁵
Hex(220050)	Ratio: 2.25 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(000038)	Ratio: 2.51 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.06 Failed ⁵
Hex(000222)	Ratio: 2.58 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(000007)	Ratio: 2.65 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.00 Failed ⁵
Hex(000000)	Ratio: 2.66 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.00 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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