

Converting Colors - WCAG Matrix

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

Hex(ED2242) Hex(FF0028) Hex(22A9ED) Hex(756A6B) Hex(B5001D) Hex(360008)

	Hex(ED2242)	Hex(FF0028)	Hex(22A9ED)	Hex(756A6B)	Hex(B5001D)	Hex(360008)
Hex(ED2242)		Ratio: 1.08 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 4.23 AA 18pt ²
Hex(FF0028)	Ratio: 1.08 Failed ⁵		Ratio: 1.51 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 4.55 AA ¹ AAA 18pt ⁴
Hex(22A9ED)	Ratio: 1.62 Failed ⁵	Ratio: 1.51 Failed ⁵		Ratio: 1.98 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 6.86 AA ¹ AAA 18pt ⁴
Hex(756A6B)	Ratio: 1.22 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.98 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 3.47 AA 18pt ²
Hex(B5001D)	Ratio: 1.65 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 2.57 Failed ⁵
Hex(360008)	Ratio: 4.23 AA 18pt ²	Ratio: 4.55 AA ¹ AAA 18pt ⁴	Ratio: 6.86 AA ¹ AAA 18pt ⁴	Ratio: 3.47 AA 18pt ²	Ratio: 2.57 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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