

Converting Colors - WCAG Matrix

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

Hex(CC0028) Hex(FF0032) Hex(CC3D00) Hex(665C5E) Hex(A60020) Hex(260007)

	Hex(CC0028)	Hex(FF0032)	Hex(CC3D00)	Hex(665C5E)	Hex(A60020)	Hex(260007)
Hex(CC0028)		Ratio: 1.47 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 3.32 AA 18pt ²
Hex(FF0032)	Ratio: 1.47 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 4.88 AA ¹ AAA 18pt ⁴
Hex(CC3D00)	Ratio: 1.18 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 3.90 AA 18pt ²
Hex(665C5E)	Ratio: 1.10 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 3.00 AA 18pt ²
Hex(A60020)	Ratio: 1.36 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 2.43 Failed ⁵
Hex(260007)	Ratio: 3.32 AA 18pt ²	Ratio: 4.88 AA ¹ AAA 18pt ⁴	Ratio: 3.90 AA 18pt ²	Ratio: 3.00 AA 18pt ²	Ratio: 2.43 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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