

Converting Colors - WCAG Matrix

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

Hex(CB0002) Hex(FF0003) Hex(CB6200) Hex(665C5C) Hex(A60002) Hex(260000)

	Hex(CB0002)	Hex(FF0003)	Hex(CB6200)	Hex(665C5C)	Hex(A60002)	Hex(260000)
Hex(CB0002)		Ratio: 1.48 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 3.27 AA 18pt ²
Hex(FF0003)	Ratio: 1.48 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 4.85 AA ¹ AAA 18pt ⁴
Hex(CB6200)	Ratio: 1.49 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.63 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 4.88 AA ¹ AAA 18pt ⁴
Hex(665C5C)	Ratio: 1.09 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.63 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 3.00 AA 18pt ²
Hex(A60002)	Ratio: 1.35 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 2.42 Failed ⁵
Hex(260000)	Ratio: 3.27 AA 18pt ²	Ratio: 4.85 AA ¹ AAA 18pt ⁴	Ratio: 4.88 AA ¹ AAA 18pt ⁴	Ratio: 3.00 AA 18pt ²	Ratio: 2.42 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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