

Converting Colors - WCAG Matrix

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

Hex(C7426C) Hex(FF3374) Hex(C75A42) Hex(635A5D) Hex(A30034) Hex(24000B)

	Hex(C7426C)	Hex(FF3374)	Hex(C75A42)	Hex(635A5D)	Hex(A30034)	Hex(24000B)
Hex(C7426C)		Ratio: 1.35 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 4.10 AA 18pt ²
Hex(FF3374)	Ratio: 1.35 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 5.54 AA ¹ AAA 18pt ⁴
Hex(C75A42)	Ratio: 1.12 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 4.60 AA ¹ AAA 18pt ⁴
Hex(635A5D)	Ratio: 1.40 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 2.92 Failed ⁵
Hex(A30034)	Ratio: 1.70 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 2.41 Failed ⁵
Hex(24000B)	Ratio: 4.10 AA 18pt ²	Ratio: 5.54 AA ¹ AAA 18pt ⁴	Ratio: 4.60 AA ¹ AAA 18pt ⁴	Ratio: 2.92 Failed ⁵	Ratio: 2.41 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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