

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(CD5493) Hex(FF4AA8) Hex(CD5458) Hex(665C61) Hex(A60056) Hex(260014)

Hex(CD5493)		Ratio: 1.29 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 4.84 AA ¹ AAA 18pt ⁴
Hex(FF4AA8)	Ratio: 1.29 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 6.22 AA ¹ AAA 18pt ⁴
Hex(CD5458)	Ratio: 1.06 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.53 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 4.58 AA ¹ AAA 18pt ⁴
Hex(665C61)	Ratio: 1.62 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.53 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 2.99 Failed ⁵
Hex(A60056)	Ratio: 1.92 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 2.52 Failed ⁵
Hex(260014)	Ratio: 4.84 AA ¹ AAA 18pt ⁴	Ratio: 6.22 AA ¹ AAA 18pt ⁴	Ratio: 4.58 AA ¹ AAA 18pt ⁴	Ratio: 2.99 Failed ⁵	Ratio: 2.52 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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