

Converting Colors - WCAG Matrix

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

Hex(D75791) Hex(FF479A) Hex(57D75B) Hex(6B6065) Hex(AB004D) Hex(2B0014)

	Hex(D75791)	Hex(FF479A)	Hex(57D75B)	Hex(6B6065)	Hex(AB004D)	Hex(2B0014)
Hex(D75791)		Ratio: 1.17 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 5.09 AA ¹ AAA 18pt ⁴
Hex(FF479A)	Ratio: 1.17 Failed ⁵		Ratio: 1.70 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 5.95 AA ¹ AAA 18pt ⁴
Hex(57D75B)	Ratio: 1.99 Failed ⁵	Ratio: 1.70 Failed ⁵		Ratio: 3.23 AA 18pt ²	Ratio: 3.97 AA 18pt ²	Ratio: 10.13 Passed ⁶
Hex(6B6065)	Ratio: 1.62 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 3.23 AA 18pt ²		Ratio: 1.23 Failed ⁵	Ratio: 3.13 AA 18pt ²
Hex(AB004D)	Ratio: 1.99 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 1.23 Failed ⁵		Ratio: 2.55 Failed ⁵
Hex(2B0014)	Ratio: 5.09 AA ¹ AAA 18pt ⁴	Ratio: 5.95 AA ¹ AAA 18pt ⁴	Ratio: 10.13 Passed ⁶	Ratio: 3.13 AA 18pt ²	Ratio: 2.55 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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