

Converting Colors - WCAG Matrix

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

Hex(801264) Hex(A67B9B) Hex(2E1280) Hex(543A4E) Hex(D4D4D4) Hex(545454)

	Hex(801264)	Hex(A67B9B)	Hex(2E1280)	Hex(543A4E)	Hex(D4D4D4)	Hex(545454)
Hex(801264)		Ratio: 2.71 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 6.47 AA ¹ AAA 18pt ⁴	Ratio: 1.27 Failed ⁵
Hex(A67B9B)	Ratio: 2.71 Failed ⁵		Ratio: 3.91 AA 18pt ²	Ratio: 2.83 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.14 Failed ⁵
Hex(2E1280)	Ratio: 1.45 Failed ⁵	Ratio: 3.91 AA 18pt ²		Ratio: 1.38 Failed ⁵	Ratio: 9.36 Passed ⁶	Ratio: 1.83 Failed ⁵
Hex(543A4E)	Ratio: 1.05 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 6.77 AA ¹ AAA 18pt ⁴	Ratio: 1.33 Failed ⁵
Hex(D4D4D4)	Ratio: 6.47 AA ¹ AAA 18pt ⁴	Ratio: 2.39 Failed ⁵	Ratio: 9.36 Passed ⁶	Ratio: 6.77 AA ¹ AAA 18pt ⁴		Ratio: 5.11 AA ¹ AAA 18pt ⁴
Hex(545454)	Ratio: 1.27 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 5.11 AA ¹ AAA 18pt ⁴	

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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