

Converting Colors - WCAG Matrix

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

Hex(2D6180) Hex(859AA6) Hex(2D804B) Hex(404D54) Hex(D4D4D4) Hex(545454)

	Hex(2D6180)	Hex(859AA6)	Hex(2D804B)	Hex(404D54)	Hex(D4D4D4)	Hex(545454)
Hex(2D6180)		Ratio: 2.29 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(859AA6)	Ratio: 2.29 Failed ⁵		Ratio: 1.67 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.59 Failed ⁵
Hex(2D804B)	Ratio: 1.37 Failed ⁵	Ratio: 1.67 Failed ⁵		Ratio: 1.79 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 1.55 Failed ⁵
Hex(404D54)	Ratio: 1.30 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 1.79 Failed ⁵		Ratio: 5.88 AA ¹ AAA 18pt ⁴	Ratio: 1.15 Failed ⁵
Hex(D4D4D4)	Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 1.98 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 5.88 AA ¹ AAA 18pt ⁴		Ratio: 5.11 AA ¹ AAA 18pt ⁴
Hex(545454)	Ratio: 1.13 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.15 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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