

Converting Colors - WCAG Matrix

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

Hex(2B4545) Hex(4F5959) Hex(2B452B) Hex(282E2E) Hex(ADADAD) Hex(2E2E2E)

	Hex(2B4545)	Hex(4F5959)	Hex(2B452B)	Hex(282E2E)	Hex(ADADAD)	Hex(2E2E2E)
Hex(2B4545)		Ratio: 1.42 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 4.59 AA ¹ AAA 18pt ⁴	Ratio: 1.32 Failed ⁵
Hex(4F5959)	Ratio: 1.42 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 3.22 AA 18pt ²	Ratio: 1.88 Failed ⁵
Hex(2B452B)	Ratio: 1.03 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 1.29 Failed ⁵
Hex(282E2E)	Ratio: 1.34 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 6.15 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(ADADAD)	Ratio: 4.59 AA ¹ AAA 18pt ⁴	Ratio: 3.22 AA 18pt ²	Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 6.15 AA ¹ AAA 18pt ⁴		Ratio: 6.05 AA ¹ AAA 18pt ⁴
Hex(2E2E2E)	Ratio: 1.32 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 6.05 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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