

Converting Colors - WCAG Matrix

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

Hex(2D2C34) Hex(424145) Hex(2C3334) Hex(222224) Hex(A3A3A3) Hex(242424)

	Hex(2D2C34)	Hex(424145)	Hex(2C3334)	Hex(222224)	Hex(A3A3A3)	Hex(242424)
Hex(2D2C34)		Ratio: 1.36 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 5.47 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(424145)	Ratio: 1.36 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 4.01 AA 18pt ²	Ratio: 1.53 Failed ⁵
Hex(2C3334)	Ratio: 1.07 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 5.11 AA ¹ AAA 18pt ⁴	Ratio: 1.21 Failed ⁵
Hex(222224)	Ratio: 1.15 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 6.30 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(A3A3A3)	Ratio: 5.47 AA ¹ AAA 18pt ⁴	Ratio: 4.01 AA 18pt ²	Ratio: 5.11 AA ¹ AAA 18pt ⁴	Ratio: 6.30 AA ¹ AAA 18pt ⁴		Ratio: 6.15 AA ¹ AAA 18pt ⁴
Hex(242424)	Ratio: 1.12 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 6.15 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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