

Converting Colors - WCAG Matrix

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

Hex(21342A) Hex(3D4541) Hex(2B3421) Hex(1F2421) Hex(A3A3A3) Hex(242424)

	Hex(21342A)	Hex(3D4541)	Hex(2B3421)	Hex(1F2421)	Hex(A3A3A3)	Hex(242424)
Hex(21342A)		Ratio: 1.34 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 5.24 AA ¹ AAA 18pt ⁴	Ratio: 1.17 Failed ⁵
Hex(3D4541)	Ratio: 1.34 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 1.57 Failed ⁵
Hex(2B3421)	Ratio: 1.02 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 1.19 Failed ⁵
Hex(1F2421)	Ratio: 1.19 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 6.25 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(A3A3A3)	Ratio: 5.24 AA ¹ AAA 18pt ⁴	Ratio: 3.92 AA 18pt ²	Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 6.25 AA ¹ AAA 18pt ⁴		Ratio: 6.15 AA ¹ AAA 18pt ⁴
Hex(242424)	Ratio: 1.17 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.19 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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