

Converting Colors - WCAG Matrix

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

Hex(3B2A2A) Hex(4D3232) Hex(2A333B) Hex(1F1C1C) Hex(5E0000) Hex(DE0000)

	Hex(3B2A2A)	Hex(4D3232)	Hex(2A333B)	Hex(1F1C1C)	Hex(5E0000)	Hex(DE0000)
Hex(3B2A2A)		Ratio: 1.17 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.65 Failed ⁵
Hex(4D3232)	Ratio: 1.17 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 2.26 Failed ⁵
Hex(2A333B)	Ratio: 1.05 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(1F1C1C)	Ratio: 1.25 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 3.31 AA 18pt ²
Hex(5E0000)	Ratio: 1.05 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 2.78 Failed ⁵
Hex(DE0000)	Ratio: 2.65 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 2.78 Failed ⁵	

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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