

Converting Colors - WCAG Matrix

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

Hex(3C3431) Hex(4F423D) Hex(3C3A31) Hex(1F1C1C) Hex(5E1C00) Hex(DE4200)

	Hex(3C3431)	Hex(4F423D)	Hex(3C3A31)	Hex(1F1C1C)	Hex(5E1C00)	Hex(DE4200)
Hex(3C3431)		Ratio: 1.26 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.83 Failed ⁵
Hex(4F423D)	Ratio: 1.26 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 2.24 Failed ⁵
Hex(3C3A31)	Ratio: 1.07 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.48 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 2.65 Failed ⁵
Hex(1F1C1C)	Ratio: 1.39 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.48 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 3.94 AA 18pt ²
Hex(5E1C00)	Ratio: 1.05 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 2.98 Failed ⁵
Hex(DE4200)	Ratio: 2.83 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 2.98 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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