

Converting Colors - WCAG Matrix

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

Hex(3E3D3D) Hex(525050) Hex(1F1E1E) Hex(5E0000) Hex(DE0000)

	Hex(3E3D3D)	Hex(525050)	Hex(1F1E1E)	Hex(5E0000)	Hex(DE0000)
Hex(3E3D3D)		Ratio: 1.35 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 2.12 Failed ⁵
Hex(525050)	Ratio: 1.35 Failed ⁵		Ratio: 2.08 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(1F1E1E)	Ratio: 1.54 Failed ⁵	Ratio: 2.08 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 3.25 AA 18pt ²
Hex(5E0000)	Ratio: 1.31 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 2.78 Failed ⁵
Hex(DE0000)	Ratio: 2.12 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 3.25 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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