

Converting Colors - WCAG Matrix

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

Hex(3D3334) Hex(4F4040) Hex(383D33) Hex(1F1C1C) Hex(5E0002) Hex(DE0004)

	Hex(3D3334)	Hex(4F4040)	Hex(383D33)	Hex(1F1C1C)	Hex(5E0002)	Hex(DE0004)
Hex(3D3334)		Ratio: 1.24 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 2.39 Failed ⁵
Hex(4F4040)	Ratio: 1.24 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(383D33)	Ratio: 1.09 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.52 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 2.18 Failed ⁵
Hex(1F1C1C)	Ratio: 1.39 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.52 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 3.31 AA 18pt ²
Hex(5E0002)	Ratio: 1.17 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 2.78 Failed ⁵
Hex(DE0004)	Ratio: 2.39 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.18 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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