

Converting Colors - WCAG Matrix

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

Hex(3D2D0C) Hex(4F3603) Hex(353D0C) Hex(1F1E1C) Hex(5E4000) Hex(DE9500)

	Hex(3D2D0C)	Hex(4F3603)	Hex(353D0C)	Hex(1F1E1C)	Hex(5E4000)	Hex(DE9500)
Hex(3D2D0C)		Ratio: 1.18 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(4F3603)	Ratio: 1.18 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 4.52 AA ¹ AAA 18pt ⁴
Hex(353D0C)	Ratio: 1.16 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 4.61 AA ¹ AAA 18pt ⁴
Hex(1F1E1C)	Ratio: 1.25 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.75 Failed ⁵	Ratio: 6.67 AA ¹ AAA 18pt ⁴
Hex(5E4000)	Ratio: 1.40 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.75 Failed ⁵		Ratio: 3.80 AA 18pt ²
Hex(DE9500)	Ratio: 5.32 AA ¹ AAA 18pt ⁴	Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 4.61 AA ¹ AAA 18pt ⁴	Ratio: 6.67 AA ¹ AAA 18pt ⁴	Ratio: 3.80 AA 18pt ²	

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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