

Converting Colors - WCAG Matrix

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

Hex(3D282B) Hex(4F2F33) Hex(3D2F28) Hex(1F1C1C) Hex(5E000D) Hex(DE001E)

	Hex(3D282B)	Hex(4F2F33)	Hex(3D2F28)	Hex(1F1C1C)	Hex(5E000D)	Hex(DE001E)
Hex(3D282B)		Ratio: 1.16 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.68 Failed ⁵
Hex(4F2F33)	Ratio: 1.16 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 2.31 Failed ⁵
Hex(3D2F28)	Ratio: 1.06 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 2.52 Failed ⁵
Hex(1F1C1C)	Ratio: 1.24 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 3.32 AA 18pt ²
Hex(5E000D)	Ratio: 1.04 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 2.78 Failed ⁵
Hex(DE001E)	Ratio: 2.68 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 3.32 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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