

Converting Colors - WCAG Matrix

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

Hex(3D2837) Hex(4F2F46) Hex(3D3828) Hex(1F1C1E) Hex(5E0043) Hex(DE009E)

	Hex(3D2837)	Hex(4F2F46)	Hex(3D3828)	Hex(1F1C1E)	Hex(5E0043)	Hex(DE009E)
Hex(3D2837)		Ratio: 1.17 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.95 Failed ⁵
Hex(4F2F46)	Ratio: 1.17 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 2.52 Failed ⁵
Hex(3D3828)	Ratio: 1.15 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 2.56 Failed ⁵
Hex(1F1C1E)	Ratio: 1.25 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 3.70 AA 18pt ²
Hex(5E0043)	Ratio: 1.00 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 2.95 Failed ⁵
Hex(DE009E)	Ratio: 2.95 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 3.70 AA 18pt ²	Ratio: 2.95 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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