

Converting Colors - WCAG Matrix

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

Hex(3D001E) Hex(4F0026) Hex(3D0000) Hex(1F1C1D) Hex(5E002E) Hex(DE006B)

	Hex(3D001E)	Hex(4F0026)	Hex(3D0000)	Hex(1F1C1D)	Hex(5E002E)	Hex(DE006B)
Hex(3D001E)		Ratio: 1.12 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 3.55 AA 18pt ²
Hex(4F0026)	Ratio: 1.12 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 3.17 AA 18pt ²
Hex(3D0000)	Ratio: 1.02 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 3.60 AA 18pt ²
Hex(1F1C1D)	Ratio: 1.02 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 3.48 AA 18pt ²
Hex(5E002E)	Ratio: 1.24 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 2.85 Failed ⁵
Hex(DE006B)	Ratio: 3.55 AA 18pt ²	Ratio: 3.17 AA 18pt ²	Ratio: 3.60 AA 18pt ²	Ratio: 3.48 AA 18pt ²	Ratio: 2.85 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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