

Converting Colors - WCAG Matrix

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

Hex(3F333F) Hex(523F52) Hex(3F3339) Hex(1F1C1F) Hex(5E005E) Hex(DE00DE)

	Hex(3F333F)	Hex(523F52)	Hex(3F3339)	Hex(1F1C1F)	Hex(5E005E)	Hex(DE00DE)
Hex(3F333F)		Ratio: 1.25 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.94 Failed ⁵
Hex(523F52)	Ratio: 1.25 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(3F3339)	Ratio: 1.01 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.96 Failed ⁵
Hex(1F1C1F)	Ratio: 1.41 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 4.15 AA 18pt ²
Hex(5E005E)	Ratio: 1.07 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 3.15 AA 18pt ²
Hex(DE00DE)	Ratio: 2.94 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 4.15 AA 18pt ²	Ratio: 3.15 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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