

Converting Colors - WCAG Matrix

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

Hex(574047) Hex(704C57) Hex(574440) Hex(2B2728) Hex(6B0021) Hex(EB0047)

	Hex(574047)	Hex(704C57)	Hex(574440)	Hex(2B2728)	Hex(6B0021)	Hex(EB0047)
Hex(574047)		Ratio: 1.28 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 2.07 Failed ⁵
Hex(704C57)	Ratio: 1.28 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(574440)	Ratio: 1.03 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 2.00 Failed ⁵
Hex(2B2728)	Ratio: 1.57 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.62 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 3.25 AA 18pt ²
Hex(6B0021)	Ratio: 1.35 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 2.81 Failed ⁵
Hex(EB0047)	Ratio: 2.07 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 3.25 AA 18pt ²	Ratio: 2.81 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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