

Converting Colors - WCAG Matrix

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

Hex(574545) Hex(705454) Hex(574E45) Hex(2B2727) Hex(6B0000) Hex(EB0000)

	Hex(574545)	Hex(705454)	Hex(574E45)	Hex(2B2727)	Hex(6B0000)	Hex(EB0000)
Hex(574545)		Ratio: 1.32 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.93 Failed ⁵
Hex(705454)	Ratio: 1.32 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(574E45)	Ratio: 1.10 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.81 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.76 Failed ⁵
Hex(2B2727)	Ratio: 1.65 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.81 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 3.19 AA 18pt ²
Hex(6B0000)	Ratio: 1.44 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(EB0000)	Ratio: 1.93 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 3.19 AA 18pt ²	Ratio: 2.79 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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