

Converting Colors - WCAG Matrix

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

Hex(554445) Hex(705457) Hex(554A44) Hex(2B2727) Hex(6B000C) Hex(EB0019)

	Hex(554445)	Hex(705457)	Hex(554A44)	Hex(2B2727)	Hex(6B000C)	Hex(EB0019)
Hex(554445)		Ratio: 1.35 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.98 Failed ⁵
Hex(705457)	Ratio: 1.35 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(554A44)	Ratio: 1.07 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.72 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(2B2727)	Ratio: 1.62 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.72 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 3.20 AA 18pt ²
Hex(6B000C)	Ratio: 1.41 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(EB0019)	Ratio: 1.98 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 3.20 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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