

Converting Colors - WCAG Matrix

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

	Hex(C57B7B)	Hex(C56767)	Hex(C55454)	Hex(C54040)	Hex(C52C2C)	Hex(C51918)	Hex(C50505)	Hex(C50000)
Hex(C57B7B)		Ratio: 1.18 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(C56767)	Ratio: 1.18 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.63 Failed ⁵
Hex(C55454)	Ratio: 1.36 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(C54040)	Ratio: 1.55 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(C52C2C)	Ratio: 1.72 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(C51918)	Ratio: 1.84 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(C50505)	Ratio: 1.91 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(C50000)	Ratio: 1.92 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.01 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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