

Converting Colors - WCAG Matrix

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

	Hex(C28587)	Hex(C2989A)	Hex(C2ABAC)	Hex(C2BFBF)	Hex(C2D2D2)	Hex(C2E6E4)	Hex(C2F9F7)	Hex(C2FFFF)
Hex(C28587)		Ratio: 1.18 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 2.72 Failed ⁵
Hex(C2989A)	Ratio: 1.18 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.31 Failed ⁵
Hex(C2ABAC)	Ratio: 1.39 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.96 Failed ⁵
Hex(C2BFBF)	Ratio: 1.64 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.66 Failed ⁵
Hex(C2D2D2)	Ratio: 1.92 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(C2E6E4)	Ratio: 2.25 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(C2F9F7)	Ratio: 2.60 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(C2FFFF)	Ratio: 2.72 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.05 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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