

Converting Colors - WCAG Matrix

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

Hex(DEDCE7) Hex(FDFCFF) Hex(DCE5E7) Hex(7E7E80) Hex(FFFFFF) Hex(808080)

Hex(DEDCE7)		Ratio: 1.33 Failed⁵	Ratio: 1.06 Failed⁵	Ratio: 2.99 Failed⁵	Ratio: 1.36 Failed⁵
Hex(FDFCFF)	Ratio: 1.33 Failed⁵		Ratio: 1.25 Failed⁵	Ratio: 3.96 AA 18pt²	Ratio: 1.02 Failed⁵
Hex(DCE5E7)	Ratio: 1.06 Failed⁵	Ratio: 1.25 Failed⁵		Ratio: 3.16 AA 18pt²	Ratio: 1.28 Failed⁵
Hex(7E7E80)	Ratio: 2.99 Failed⁵	Ratio: 3.96 AA 18pt²	Ratio: 3.16 AA 18pt²		Ratio: 4.05 AA 18pt²
Hex(FFFFFF)	Ratio: 1.36 Failed⁵	Ratio: 1.02 Failed⁵	Ratio: 1.28 Failed⁵	Ratio: 4.05 AA 18pt²	
Hex(808080)	Ratio: 2.91 Failed⁵	Ratio: 3.86 AA 18pt²	Ratio: 3.09 AA 18pt²	Ratio: 1.03 Failed⁵	Ratio: 3.95 AA 18pt²

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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