

Converting Colors - WCAG Matrix

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

Hex(D5D6D7) Hex(FCFEFF) Hex(D5D5D7) Hex(6A6B6B) Hex(0055AB) Hex(00162B)

	Hex(D5D6D7)	Hex(FCFEFF)	Hex(D5D5D7)	Hex(6A6B6B)	Hex(0055AB)	Hex(00162B)
Hex(D5D6D7)		Ratio: 1.44 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 5.00 AA ¹ AAA 18pt ⁴	Ratio: 12.55 Passed ⁶
Hex(FCFEFF)	Ratio: 1.44 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 5.28 AA ¹ AAA 18pt ⁴	Ratio: 7.19 Passed ⁶	Ratio: 18.06 Passed ⁶
Hex(D5D5D7)	Ratio: 1.01 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 3.65 AA 18pt ²	Ratio: 4.96 AA ¹ AAA 18pt ⁴	Ratio: 12.46 Passed ⁶
Hex(6A6B6B)	Ratio: 3.67 AA 18pt ²	Ratio: 5.28 AA ¹ AAA 18pt ⁴	Ratio: 3.65 AA 18pt ²		Ratio: 1.36 Failed ⁵	Ratio: 3.42 AA 18pt ²
Hex(0055AB)	Ratio: 5.00 AA ¹ AAA 18pt ⁴	Ratio: 7.19 Passed ⁶	Ratio: 4.96 AA ¹ AAA 18pt ⁴	Ratio: 1.36 Failed ⁵		Ratio: 2.51 Failed ⁵
Hex(00162B)	Ratio: 12.55 Passed ⁶	Ratio: 18.06 Passed ⁶	Ratio: 12.46 Passed ⁶	Ratio: 3.42 AA 18pt ²	Ratio: 2.51 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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