

Converting Colors - WCAG Matrix

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

Hex(8159BE) Hex(DFD0F7) Hex(5996BE) Hex(6F657D) Hex(FCFCFC) Hex(7D7D7D)

	Hex(8159BE)	Hex(DFD0F7)	Hex(5996BE)	Hex(6F657D)	Hex(FCFCFC)	Hex(7D7D7D)
Hex(8159BE)		Ratio: 3.53 AA 18pt ²	Ratio: 1.59 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 4.99 AA ¹ AAA 18pt ⁴	Ratio: 1.24 Failed ⁵
Hex(DFD0F7)	Ratio: 3.53 AA 18pt ²		Ratio: 2.22 Failed ⁵	Ratio: 3.78 AA 18pt ²	Ratio: 1.41 Failed ⁵	Ratio: 2.84 Failed ⁵
Hex(5996BE)	Ratio: 1.59 Failed ⁵	Ratio: 2.22 Failed ⁵		Ratio: 1.70 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 1.28 Failed ⁵
Hex(6F657D)	Ratio: 1.07 Failed ⁵	Ratio: 3.78 AA 18pt ²	Ratio: 1.70 Failed ⁵		Ratio: 5.34 AA ¹ AAA 18pt ⁴	Ratio: 1.33 Failed ⁵
Hex(FCFCFC)	Ratio: 4.99 AA ¹ AAA 18pt ⁴	Ratio: 1.41 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 5.34 AA ¹ AAA 18pt ⁴		Ratio: 4.01 AA 18pt ²
Hex(7D7D7D)	Ratio: 1.24 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 4.01 AA 18pt ²	

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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