

Converting Colors - WCAG Matrix

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

Hex(626EBA) Hex(D0D5F2) Hex(62BAAD) Hex(66687A) Hex(FAFAFA) Hex(7A7A7A)

	Hex(626EBA)	Hex(D0D5F2)	Hex(62BAAD)	Hex(66687A)	Hex(FAFAFA)	Hex(7A7A7A)
Hex(626EBA)		Ratio: 3.25 AA 18pt ²	Ratio: 2.05 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 4.51 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(D0D5F2)	Ratio: 3.25 AA 18pt ²		Ratio: 1.58 Failed ⁵	Ratio: 3.78 AA 18pt ²	Ratio: 1.39 Failed ⁵	Ratio: 2.96 Failed ⁵
Hex(62BAAD)	Ratio: 2.05 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 2.39 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(66687A)	Ratio: 1.17 Failed ⁵	Ratio: 3.78 AA 18pt ²	Ratio: 2.39 Failed ⁵		Ratio: 5.26 AA ¹ AAA 18pt ⁴	Ratio: 1.28 Failed ⁵
Hex(FAFAFA)	Ratio: 4.51 AA ¹ AAA 18pt ⁴	Ratio: 1.39 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 5.26 AA ¹ AAA 18pt ⁴		Ratio: 4.11 AA 18pt ²
Hex(7A7A7A)	Ratio: 1.10 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 4.11 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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