

Converting Colors - WCAG Matrix

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

Hex(1F6EC1) Hex(BBDAFA) Hex(1FC170) Hex(576A7D) Hex(FCFCFC) Hex(7D7D7D)

	Hex(1F6EC1)	Hex(BBDAFA)	Hex(1FC170)	Hex(576A7D)	Hex(FCFCFC)	Hex(7D7D7D)
Hex(1F6EC1)		Ratio: 3.58 AA 18pt ²	Ratio: 2.20 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 1.26 Failed ⁵
Hex(BBDAFA)	Ratio: 3.58 AA 18pt ²		Ratio: 1.63 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 1.41 Failed ⁵	Ratio: 2.85 Failed ⁵
Hex(1FC170)	Ratio: 2.20 Failed ⁵	Ratio: 1.63 Failed ⁵		Ratio: 2.37 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(576A7D)	Ratio: 1.08 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 2.37 Failed ⁵		Ratio: 5.44 AA ¹ AAA 18pt ⁴	Ratio: 1.36 Failed ⁵
Hex(FCFCFC)	Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 1.41 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 5.44 AA ¹ AAA 18pt ⁴		Ratio: 4.01 AA 18pt ²
Hex(7D7D7D)	Ratio: 1.26 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.36 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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