

Converting Colors - WCAG Matrix

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

Hex(6BB6B6) Hex(D1EDED) Hex(6BB66B) Hex(677878) Hex(F7F7F7) Hex(787878)

Hex(6BB6B6)		Ratio: 1.90 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.18 Failed ⁵
Hex(D1EDED)	Ratio: 1.90 Failed ⁵		Ratio: 2.00 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 1.15 Failed ⁵
Hex(6BB66B)	Ratio: 1.05 Failed ⁵	Ratio: 2.00 Failed ⁵		Ratio: 1.88 Failed ⁵	Ratio: 2.30 Failed ⁵
Hex(677878)	Ratio: 1.98 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 1.88 Failed ⁵		Ratio: 4.32 AA 18pt ²
Hex(F7F7F7)	Ratio: 2.18 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 4.32 AA 18pt ²	
Hex(787878)	Ratio: 1.89 Failed ⁵	Ratio: 3.58 AA 18pt ²	Ratio: 1.79 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 4.12 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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