

Converting Colors - WCAG Matrix

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

Hex(B8B5B2) Hex(F0EEED) Hex(B8B2B5) Hex(787777) Hex(F7F7F7) Hex(787878)

Hex(B8B5B2)		Ratio: 1.76 Failed⁵	Ratio: 1.02 Failed⁵	Ratio: 2.19 Failed⁵	Ratio: 1.90 Failed⁵
Hex(F0EEED)	Ratio: 1.76 Failed⁵		Ratio: 1.80 Failed⁵	Ratio: 3.86 AA 18pt²	Ratio: 1.08 Failed⁵
Hex(B8B2B5)	Ratio: 1.02 Failed⁵	Ratio: 1.80 Failed⁵		Ratio: 2.14 Failed⁵	Ratio: 1.95 Failed⁵
Hex(787777)	Ratio: 2.19 Failed⁵	Ratio: 3.86 AA 18pt²	Ratio: 2.14 Failed⁵		Ratio: 4.17 AA 18pt²
Hex(F7F7F7)	Ratio: 1.90 Failed⁵	Ratio: 1.08 Failed⁵	Ratio: 1.95 Failed⁵	Ratio: 4.17 AA 18pt²	
Hex(787878)	Ratio: 2.16 Failed⁵	Ratio: 3.82 AA 18pt²	Ratio: 2.12 Failed⁵	Ratio: 1.01 Failed⁵	Ratio: 4.12 AA 18pt²

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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