

Converting Colors - WCAG Matrix

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

	Hex(EB4747)	Hex(EB5F5E)	Hex(EB7676)	Hex(EB8E8D)	Hex(EBA5A5)	Hex(EBBCBC)	Hex(EBD4D4)	Hex(EBEBEB)	Hex(EBFFFF)
Hex(EB4747)		Ratio: 1.15 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 3.19 AA 18pt ²	Ratio: 3.67 AA 18pt ²
Hex(EB5F5E)	Ratio: 1.15 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 3.20 AA 18pt ²
Hex(EB7676)	Ratio: 1.34 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.75 Failed ⁵
Hex(EB8E8D)	Ratio: 1.59 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.31 Failed ⁵
Hex(EBA5A5)	Ratio: 1.89 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(EBBCBC)	Ratio: 2.25 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.63 Failed ⁵
Hex(EBD4D4)	Ratio: 2.70 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.36 Failed ⁵
Hex(EBEBEB)	Ratio: 3.19 AA 18pt ²	Ratio: 2.78 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.15 Failed ⁵
Hex(EBFFFF)	Ratio: 3.67 AA 18pt ²	Ratio: 3.20 AA 18pt ²	Ratio: 2.75 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.15 Failed ⁵	

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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