

Converting Colors - WCAG Matrix

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

	Hex(EBEBEB)	Hex(EBD3D3)	Hex(EBBCBC)	Hex(EBA4A4)	Hex(EB8D8D)	Hex(EB7676)	Hex(EB5E5E)	Hex(EB4747)	Hex(EB2F2F)	Hex(EB1717)
Hex(EBEBEB)		Ratio: 1.19 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 3.19 AA 18pt ²	Ratio: 3.54 AA 18pt ²	Ratio: 3.77 AA 18pt ²
Hex(EBD3D3)	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 3.17 AA 18pt ²
Hex(EBBCBC)	Ratio: 1.41 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 2.67 Failed ⁵
Hex(EBA4A4)	Ratio: 1.70 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.22 Failed ⁵
Hex(EB8D8D)	Ratio: 2.02 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(EB7676)	Ratio: 2.39 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.58 Failed ⁵
Hex(EB5E5E)	Ratio: 2.80 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.35 Failed ⁵
Hex(EB4747)	Ratio: 3.19 AA 18pt ²	Ratio: 2.68 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(EB2F2F)	Ratio: 3.54 AA 18pt ²	Ratio: 2.97 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.07 Failed ⁵
Hex(EB1717)	Ratio: 3.77 AA 18pt ²	Ratio: 3.17 AA 18pt ²	Ratio: 2.67 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.07 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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