

Converting Colors - WCAG Matrix

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

Hex(B090AE) Hex(E6DAE5) Hex(9290B0) Hex(736C72) Hex(F2F2F2) Hex(737373)

	Hex(B090AE)	Hex(E6DAE5)	Hex(9290B0)	Hex(736C72)	Hex(F2F2F2)	Hex(737373)
Hex(B090AE)		Ratio: 2.08 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(E6DAE5)	Ratio: 2.08 Failed ⁵		Ratio: 2.27 Failed ⁵	Ratio: 3.77 AA 18pt ²	Ratio: 1.21 Failed ⁵	Ratio: 3.51 AA 18pt ²
Hex(9290B0)	Ratio: 1.09 Failed ⁵	Ratio: 2.27 Failed ⁵		Ratio: 1.66 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 1.54 Failed ⁵
Hex(736C72)	Ratio: 1.81 Failed ⁵	Ratio: 3.77 AA 18pt ²	Ratio: 1.66 Failed ⁵		Ratio: 4.56 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(F2F2F2)	Ratio: 2.52 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 4.56 AA ¹ AAA 18pt ⁴		Ratio: 4.24 AA 18pt ²
Hex(737373)	Ratio: 1.68 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 1.54 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 4.24 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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