

Converting Colors - WCAG Matrix

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

Hex(A2A6AE) Hex(DEE0E3) Hex(A2AEAA) Hex(707173) Hex(F2F2F2) Hex(737373)

	Hex(A2A6AE)	Hex(DEE0E3)	Hex(A2AEAA)	Hex(707173)	Hex(F2F2F2)	Hex(737373)
Hex(A2A6AE)		Ratio: 1.85 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(DEE0E3)	Ratio: 1.85 Failed ⁵		Ratio: 1.73 Failed ⁵	Ratio: 3.69 AA 18pt ²	Ratio: 1.18 Failed ⁵	Ratio: 3.59 AA 18pt ²
Hex(A2AEAA)	Ratio: 1.07 Failed ⁵	Ratio: 1.73 Failed ⁵		Ratio: 2.13 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.07 Failed ⁵
Hex(707173)	Ratio: 2.00 Failed ⁵	Ratio: 3.69 AA 18pt ²	Ratio: 2.13 Failed ⁵		Ratio: 4.36 AA 18pt ²	Ratio: 1.03 Failed ⁵
Hex(F2F2F2)	Ratio: 2.18 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 4.36 AA 18pt ²		Ratio: 4.24 AA 18pt ²
Hex(737373)	Ratio: 1.94 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 2.07 Failed ⁵	Ratio: 1.03 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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