

Converting Colors - WCAG Matrix

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

	Hex(AC7E80)	Hex(AC6D70)	Hex(AC5C60)	Hex(AC4B4F)	Hex(AC393F)	Hex(AC282F)	Hex(AC171E)	Hex(AC060E)	Hex(AC0009)
Hex(AC7E80)		Ratio: 1.17 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.19 Failed ⁵
Hex(AC6D70)	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.88 Failed ⁵
Hex(AC5C60)	Ratio: 1.36 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.61 Failed ⁵
Hex(AC4B4F)	Ratio: 1.56 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.40 Failed ⁵
Hex(AC393F)	Ratio: 1.77 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(AC282F)	Ratio: 1.95 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(AC171E)	Ratio: 2.09 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(AC060E)	Ratio: 2.17 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(AC0009)	Ratio: 2.19 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.01 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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