

Converting Colors - WCAG Matrix

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

	Hex(A20669)	Hex(A2166F)	Hex(A22675)	Hex(A2377B)	Hex(A24781)	Hex(A25787)	Hex(A2678D)	Hex(A27893)	Hex(A28899)	Hex(A2989F)
Hex(A20669)		Ratio: 1.04 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.72 Failed ⁵
Hex(A2166F)	Ratio: 1.04 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.61 Failed ⁵
Hex(A22675)	Ratio: 1.11 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.45 Failed ⁵
Hex(A2377B)	Ratio: 1.22 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.23 Failed ⁵
Hex(A24781)	Ratio: 1.36 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.01 Failed ⁵
Hex(A25787)	Ratio: 1.54 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(A2678D)	Ratio: 1.76 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.55 Failed ⁵
Hex(A27893)	Ratio: 2.04 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.33 Failed ⁵
Hex(A28899)	Ratio: 2.36 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵
Hex(A2989F)	Ratio: 2.72 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.33 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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