

Converting Colors - WCAG Matrix

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

	Hex(604A4A)	Hex(605454)	Hex(605D5D)	Hex(606767)	Hex(607170)	Hex(607A7A)	Hex(608483)	Hex(608E8D)	Hex(609796)	Hex(60A19F)
Hex(604A4A)		Ratio: 1.12 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.75 Failed ⁵
Hex(605454)	Ratio: 1.12 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.45 Failed ⁵
Hex(605D5D)	Ratio: 1.25 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.20 Failed ⁵
Hex(606767)	Ratio: 1.41 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(607170)	Ratio: 1.59 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.73 Failed ⁵
Hex(607A7A)	Ratio: 1.77 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.56 Failed ⁵
Hex(608483)	Ratio: 1.99 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.38 Failed ⁵
Hex(608E8D)	Ratio: 2.23 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(609796)	Ratio: 2.47 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵
Hex(60A19F)	Ratio: 2.75 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.11 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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