

Converting Colors - WCAG Matrix

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

	Hex(6A6B64)	Hex(6C6B6F)	Hex(6D6B79)	Hex(6F6B84)	Hex(706B8F)	Hex(726B9A)	Hex(736BA4)	Hex(756BAF)	Hex(766BBA)	Hex(786BC4)
Hex(6A6B64)		Ratio: 1.02 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(6C6B6F)	Ratio: 1.02 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(6D6B79)	Ratio: 1.03 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.17 Failed ⁵
Hex(6F6B84)	Ratio: 1.05 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(706B8F)	Ratio: 1.07 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(726B9A)	Ratio: 1.10 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(736BA4)	Ratio: 1.12 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.08 Failed ⁵
Hex(756BAF)	Ratio: 1.15 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(766BBA)	Ratio: 1.17 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(786BC4)	Ratio: 1.20 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.03 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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