

Converting Colors - WCAG Matrix

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

	Hex(76586C)	Hex(766470)	Hex(767074)	Hex(767B78)	Hex(76877C)	Hex(769380)	Hex(769F84)	Hex(76AB88)	Hex(76B68B)	Hex(76C28F)
Hex(76586C)		Ratio: 1.13 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 2.92 Failed ⁵
Hex(766470)	Ratio: 1.13 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.58 Failed ⁵
Hex(767074)	Ratio: 1.28 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(767B78)	Ratio: 1.44 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.03 Failed ⁵
Hex(76877C)	Ratio: 1.63 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.79 Failed ⁵
Hex(769380)	Ratio: 1.85 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.58 Failed ⁵
Hex(769F84)	Ratio: 2.09 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.40 Failed ⁵
Hex(76AB88)	Ratio: 2.35 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(76B68B)	Ratio: 2.61 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.12 Failed ⁵
Hex(76C28F)	Ratio: 2.92 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.12 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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