

Converting Colors - WCAG Matrix

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

	Hex(762326)	Hex(762F31)	Hex(763B3D)	Hex(764648)	Hex(765253)	Hex(765E5F)	Hex(766A6A)	Hex(767676)	Hex(768181)	Hex(768D8C)
Hex(762326)		Ratio: 1.09 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 2.92 Failed ⁵
Hex(762F31)	Ratio: 1.09 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.68 Failed ⁵
Hex(763B3D)	Ratio: 1.21 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.42 Failed ⁵
Hex(764648)	Ratio: 1.34 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.17 Failed ⁵
Hex(765253)	Ratio: 1.52 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(765E5F)	Ratio: 1.73 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(766A6A)	Ratio: 1.98 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(767676)	Ratio: 2.27 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.29 Failed ⁵
Hex(768181)	Ratio: 2.56 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.14 Failed ⁵
Hex(768D8C)	Ratio: 2.92 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.14 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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