

Converting Colors - WCAG Matrix

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

	Hex(93392F)	Hex(93463D)	Hex(93534C)	Hex(93605B)	Hex(936E69)	Hex(937B78)	Hex(938887)	Hex(939596)	Hex(93A3A4)	Hex(93B0B3)
Hex(93392F)		Ratio: 1.11 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 3.17 AA 18pt ²
Hex(93463D)	Ratio: 1.11 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 2.86 Failed ⁵
Hex(93534C)	Ratio: 1.25 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.54 Failed ⁵
Hex(93605B)	Ratio: 1.42 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.24 Failed ⁵
Hex(936E69)	Ratio: 1.63 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(937B78)	Ratio: 1.86 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.70 Failed ⁵
Hex(938887)	Ratio: 2.13 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(939596)	Ratio: 2.43 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.30 Failed ⁵
Hex(93A3A4)	Ratio: 2.80 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵
Hex(93B0B3)	Ratio: 3.17 AA 18pt ²	Ratio: 2.86 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.30 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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