

Converting Colors - WCAG Matrix

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

	Hex(02971B)	Hex(FFFFFF)	Hex(59CF52)	Hex(77EB6D)	Hex(95FF88)	Hex(B2FFA3)	Hex(D0FFBF)	Hex(EEFFDB)	Hex(FFFFF9)
Hex(02971B)		Ratio: 3.86 AA 18pt ²	Ratio: 1.92 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 3.26 AA 18pt ²	Ratio: 3.44 AA 18pt ²	Ratio: 3.67 AA 18pt ²	Ratio: 3.84 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.86 AA 18pt ²		Ratio: 2.01 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.00 Failed ⁵
Hex(59CF52)	Ratio: 1.92 Failed ⁵	Ratio: 2.01 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.00 Failed ⁵
Hex(77EB6D)	Ratio: 2.55 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.51 Failed ⁵
Hex(95FF88)	Ratio: 3.11 AA 18pt ²	Ratio: 1.24 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(B2FFA3)	Ratio: 3.26 AA 18pt ²	Ratio: 1.18 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(D0FFBF)	Ratio: 3.44 AA 18pt ²	Ratio: 1.12 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(EEFFDB)	Ratio: 3.67 AA 18pt ²	Ratio: 1.05 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(FFFFF9)	Ratio: 3.84 AA 18pt ²	Ratio: 1.00 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.05 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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