

Converting Colors - WCAG Matrix

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

Hex(497DEB) Hex(1D64CE) Hex(004DB2) Hex(003797) Hex(00237C) Hex(000F63) Hex(000059)

	Hex(497DEB)	Hex(1D64CE)	Hex(004DB2)	Hex(003797)	Hex(00237C)	Hex(000F63)	Hex(000059)
Hex(497DEB)		Ratio: 1.44 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 3.54 AA 18pt ²	Ratio: 4.34 AA 18pt ²	Ratio: 4.73 AA ¹ AAA 18pt ⁴
Hex(1D64CE)	Ratio: 1.44 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 3.29 AA 18pt ²
Hex(004DB2)	Ratio: 2.00 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.36 Failed ⁵
Hex(003797)	Ratio: 2.72 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.74 Failed ⁵
Hex(00237C)	Ratio: 3.54 AA 18pt ²	Ratio: 2.46 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.34 Failed ⁵
Hex(000F63)	Ratio: 4.34 AA 18pt ²	Ratio: 3.02 AA 18pt ²	Ratio: 2.17 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.09 Failed ⁵
Hex(000059)	Ratio: 4.73 AA ¹ AAA 18pt ⁴	Ratio: 3.29 AA 18pt ²	Ratio: 2.36 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.09 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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