

Converting Colors - WCAG Matrix

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

	Hex(D3B8B2)	Hex(D3A79D)	Hex(D39688)	Hex(D38572)	Hex(D3745D)	Hex(D36348)	Hex(D35233)	Hex(D3411E)	Hex(D33009)	Hex(D32900)
Hex(D3B8B2)		Ratio: 1.15 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 2.76 Failed ⁵
Hex(D3A79D)	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.39 Failed ⁵
Hex(D39688)	Ratio: 1.33 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.08 Failed ⁵
Hex(D38572)	Ratio: 1.53 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.80 Failed ⁵
Hex(D3745D)	Ratio: 1.75 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(D36348)	Ratio: 2.00 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.38 Failed ⁵
Hex(D35233)	Ratio: 2.24 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(D3411E)	Ratio: 2.48 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.11 Failed ⁵
Hex(D33009)	Ratio: 2.69 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(D32900)	Ratio: 2.76 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.03 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

Failed 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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