

Converting Colors - WCAG Matrix

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

	Hex(B2601D)	Hex(B26A2F)	Hex(B27441)	Hex(B27D52)	Hex(B28764)	Hex(B29176)	Hex(B29B88)	Hex(B2A59A)	Hex(B2AEAB)	Hex(B2B8BD)
Hex(B2601D)		Ratio: 1.09 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.29 Failed ⁵
Hex(B26A2F)	Ratio: 1.09 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.10 Failed ⁵
Hex(B27441)	Ratio: 1.19 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(B27D52)	Ratio: 1.30 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.76 Failed ⁵
Hex(B28764)	Ratio: 1.43 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.60 Failed ⁵
Hex(B29176)	Ratio: 1.57 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.46 Failed ⁵
Hex(B29B88)	Ratio: 1.73 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.32 Failed ⁵
Hex(B2A59A)	Ratio: 1.91 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(B2AEAB)	Ratio: 2.08 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.10 Failed ⁵
Hex(B2B8BD)	Ratio: 2.29 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.10 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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