

# Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.  
**Hex(DBD06F) Hex(FFF069) Hex(B2DB6F) Hex(6E6D63) Hex(AD9C00) Hex(2E2900)**

	Hex(DBD06F)	Hex(FFF069)	Hex(B2DB6F)	Hex(6E6D63)	Hex(AD9C00)	Hex(2E2900)
Hex(DBD06F)		<a href="#">Ratio: 1.35</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.00</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.29</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.76</a> Failed <sup>5</sup>	<a href="#">Ratio: 9.25</a> Passed <sup>6</sup>
Hex(FFF069)	<a href="#">Ratio: 1.35</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.35</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.45</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.38</a> Failed <sup>5</sup>	<a href="#">Ratio: 12.50</a> Passed <sup>6</sup>
Hex(B2DB6F)	<a href="#">Ratio: 1.00</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.35</a> Failed <sup>5</sup>		<a href="#">Ratio: 3.29</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.76</a> Failed <sup>5</sup>	<a href="#">Ratio: 9.25</a> Passed <sup>6</sup>
Hex(6E6D63)	<a href="#">Ratio: 3.29</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 4.45</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.29</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 1.87</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.81</a> Failed <sup>5</sup>
Hex(AD9C00)	<a href="#">Ratio: 1.76</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.38</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.76</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.87</a> Failed <sup>5</sup>		<a href="#">Ratio: 5.25</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
Hex(2E2900)	<a href="#">Ratio: 9.25</a> Passed <sup>6</sup>	<a href="#">Ratio: 12.50</a> Passed <sup>6</sup>	<a href="#">Ratio: 9.25</a> Passed <sup>6</sup>	<a href="#">Ratio: 2.81</a> Failed <sup>5</sup>	<a href="#">Ratio: 5.25</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

<sup>1</sup> AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

<sup>2</sup> AA 18pt

AA level for large text above 18pt.

<sup>3</sup> AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

<sup>4</sup> AAA 18pt

AAA level for large text above 18pt.

<sup>5</sup> Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

<sup>6</sup> Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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