

# Converting Colors - WCAG Matrix

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

Hex(D03DAB) Hex(FF26C8) Hex(D0AB3D) Hex(695E66) Hex(A8007E) Hex(29001F)

	Hex(D03DAB)	Hex(FF26C8)	Hex(D0AB3D)	Hex(695E66)	Hex(A8007E)	Hex(29001F)
Hex(D03DAB)		<a href="#">Ratio: 1.29</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.94</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.45</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.66</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.43</a> AA 18pt <sup>2</sup>
Hex(FF26C8)	<a href="#">Ratio: 1.29</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.50</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.88</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.15</a> Failed <sup>5</sup>	<a href="#">Ratio: 5.71</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
Hex(D0AB3D)	<a href="#">Ratio: 1.94</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.50</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.82</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.23</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 8.59</a> Passed <sup>6</sup>
Hex(695E66)	<a href="#">Ratio: 1.45</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.88</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.82</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.14</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.05</a> AA 18pt <sup>2</sup>
Hex(A8007E)	<a href="#">Ratio: 1.66</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.15</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.23</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 1.14</a> Failed <sup>5</sup>		<a href="#">Ratio: 2.66</a> Failed <sup>5</sup>
Hex(29001F)	<a href="#">Ratio: 4.43</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 5.71</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>	<a href="#">Ratio: 8.59</a> Passed <sup>6</sup>	<a href="#">Ratio: 3.05</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.66</a> Failed <sup>5</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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