

# Converting Colors - WCAG Matrix

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

Hex(D9FFE2) Hex(D1FFDC) Hex(D9FFF4) Hex(738076) Hex(00BF2C) Hex(00400F)

	Hex(D9FFE2)	Hex(D1FFDC)	Hex(D9FFF4)	Hex(738076)	Hex(00BF2C)	Hex(00400F)
Hex(D9FFE2)		<a href="#">Ratio: 1.02</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.81</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.28</a> Failed <sup>5</sup>	<a href="#">Ratio: 11.12</a> Passed <sup>6</sup>
Hex(D1FFDC)	<a href="#">Ratio: 1.02</a> Failed <sup>5</sup>		<a href="#">Ratio: 1.03</a> Failed <sup>5</sup>	<a href="#">Ratio: 3.75</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.24</a> Failed <sup>5</sup>	<a href="#">Ratio: 10.95</a> Passed <sup>6</sup>
Hex(D9FFF4)	<a href="#">Ratio: 1.01</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.03</a> Failed <sup>5</sup>		<a href="#">Ratio: 3.85</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 2.30</a> Failed <sup>5</sup>	<a href="#">Ratio: 11.24</a> Passed <sup>6</sup>
Hex(738076)	<a href="#">Ratio: 3.81</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.75</a> AA 18pt <sup>2</sup>	<a href="#">Ratio: 3.85</a> AA 18pt <sup>2</sup>		<a href="#">Ratio: 1.67</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.92</a> Failed <sup>5</sup>
Hex(00BF2C)	<a href="#">Ratio: 2.28</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.24</a> Failed <sup>5</sup>	<a href="#">Ratio: 2.30</a> Failed <sup>5</sup>	<a href="#">Ratio: 1.67</a> Failed <sup>5</sup>		<a href="#">Ratio: 4.88</a> AA <sup>1</sup> AAA 18pt <sup>4</sup>
Hex(00400F)	<a href="#">Ratio: 11.12</a> Passed <sup>6</sup>	<a href="#">Ratio: 10.95</a> Passed <sup>6</sup>	<a href="#">Ratio: 11.24</a> Passed <sup>6</sup>	<a href="#">Ratio: 2.92</a> Failed <sup>5</sup>	<a href="#">Ratio: 4.88</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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