

Converting Colors

CIELCh(81, 41.443, 176.709)

Have a look what the booklet for
CIELCh(81, 41.443, 176.709)
contains.

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Color

CIELCh(81, 41.695, 176.307)

Conversions

Conversions Part 1

Format	Color
Hex	5FDEC3
RGB	95, 222, 195
RGB Percent	37%, 87%, 76%
CMY	0.6284, 0.1303, 0.2361
CMYK	0.57, 0.00, 0.12, 0.13
HSL	167°, 66%, 62%
HSV	167°, 57%, 87%
XYZ	40.5794, 58.4711, 60.6470
YIQ	180.9490, -67.0250, -35.3210

Conversions

Conversions Part 2

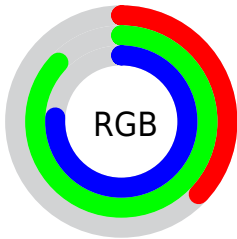
Format	Color
RYB	95, 166, 222
Decimal	6282947
CIELab	81.00, -41.61, 2.69
CIELCh	81, 41.695, 176.307
Yxy	58.4711, 0.2541, 0.3661
Android (android.graphics.Color)	4284473027 (0xFF5FDEC3)
YUV	180.9490, 6.9271, -75.3773
Hunter-Lab	76.4664, -39.0892, 6.5024

Details

The CIELCh color **81, 41.695, 176.307** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted cyan. A complement of this color would be **57, 52.985, 11.063**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 31.051, 193.653**, and **61, 41.780, 176.082** is the 20% darker color. If you saturate the color by 10%, you get **80, 46.743, 174.935**, and if you desaturate by 10%, it is **82, 35.789, 177.550**.

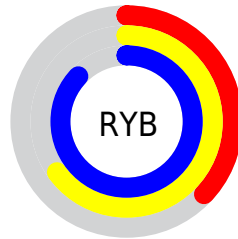
Distribution



Red (37%)

Green (87%)

Blue (76%)



Red (37%)

Yellow (65%)

Blue (87%)

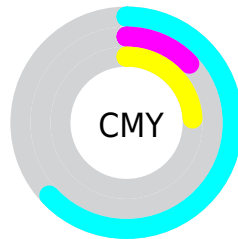


Cyan (57%)

Magenta (0%)

Yellow (12%)

Black (13%)



Cyan (63%)


Magenta (13%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 41.695, 176.307 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 81, 41.695, 176.307 by changing the saturation by 10% instead.


 81, 41.695,
176.307


 81, 41.695,
176.307


 100, 41.695,
176.307


 71, 41.695,
176.307


 61, 41.695,
176.307

 51, 41.695,
176.307

 41, 41.695,
176.307

 31, 41.695,
176.307

 21, 41.695,
176.307

 11, 41.695,

176.307

■ 1, 41.695, 176.307

■ 0, 41.695, 176.307

■ 81, 41.695,
176.307

■ 81, 41.695,
176.307

■ 80, 46.743,
174.935

■ 82, 35.789,
177.550

■ 80, 50.867,
173.415

■ 83, 29.133,
178.692

■ 79, 54.070,
171.724

■ 84, 21.860,
179.754

■ 79, 56.450,
169.861

■ 86, 14.112,
180.755

■ 79, 57.035,

■ 87, 6.023, 181.740

169.350

■ 89, 2.283, 2.298

■ 91, 10.704, 3.336

■ 91, 13.223,
355.663

■ 91, 14.351,
346.750

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



81, 41.695, 176.307



57, 52.985, 11.063

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81, 41.695, 176.307



81, 41.695, 226.307



81, 41.695, 356.307



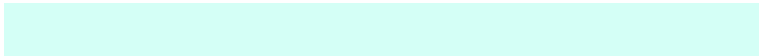
81, 41.695, 46.307

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



81, 41.695, 176.306



97, 15.555, 180.769



80, 74.181, 134.993



51, 10.369, 180.570



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



81, 41.695, 176.306



91, 53.070, 174.605



71, 31.252, 237.210



45, 4.646, 181.523



63, 47.251, 169.694



16, 18.120, 173.441

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



57, 52.985, 11.063



60, 70.744, 14.842



64, 46.688, 47.408



43, 4.816, 3.125



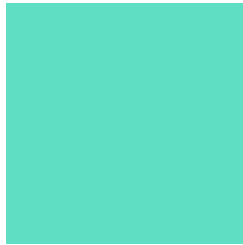
36, 68.875, 28.216



5, 23.754, 11.084

Previews

White Background



This preview shows how the CIE LCh color 81, 41.695, 176.307 looks on a white background.

Color Contrast Check

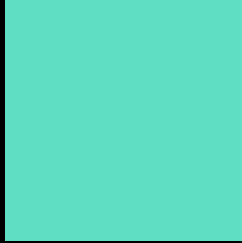
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 81, 41.695, 176.307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

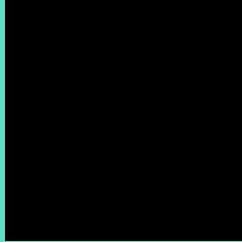
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

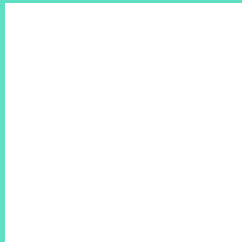
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 41.695, 176.307

Background



This preview shows how black text looks on a background with the CIELCh color 81, 41.695, 176.307.

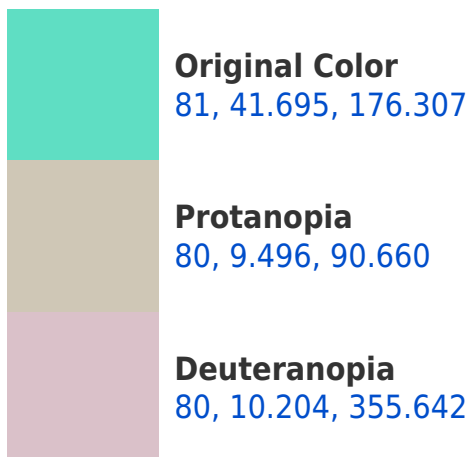


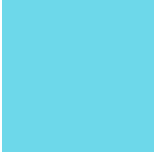
This preview shows how white text looks on a background with the CIELCh color 81, 41.695, 176.307.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
81, 31.749, 215.161

Trichromacy



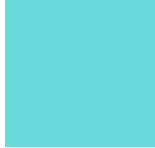
Original Color
81, 41.695, 176.307



Protanomaly
80, 18.344, 162.578



Deuteranomaly
79, 10.887, 187.293

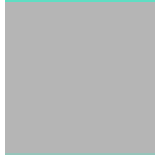


Tritanomaly
81, 33.496, 198.960

Monochromacy



Original Color
81, 41.695, 176.307



Achromatopsia
74, 0.009, 296.813



Achromatomaly
76, 17.202, 179.782

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 41.695, 176.307 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(95, 222, 195)` looks like.

```
.text, #text, p{  
    color:rgb(95, 222, 195)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(95, 222, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 222, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 41.695, 176.307 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(95, 222, 195) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(95, 222, 195) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(95, 222, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 222, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 222, 195);  
box-shadow:4px 4px 4px 4px rgb(95, 222,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 41.695, 176.307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 222, 195) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(95, 222,  
195) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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