

Converting Colors

CIELCh(77, 39.475, 155.045)

Have a look what the booklet for
CIELCh(77, 39.475, 155.045)
contains.

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Color

CIELCh(77, 39.446, 155.067)

Conversions

Conversions Part 1

Format	Color
Hex	7DCF9E
RGB	125, 207, 158
RGB Percent	49%, 81%, 62%
CMY	0.5093, 0.1877, 0.3799
CMYK	0.40, 0.00, 0.24, 0.19
HSL	144°, 46%, 65%
HSV	144°, 40%, 81%
XYZ	37.0030, 51.5317, 40.4004
YIQ	176.8960, -33.1430, -32.6230

Conversions

Conversions Part 2

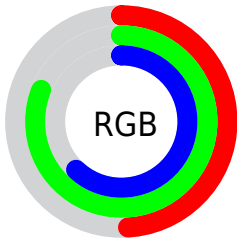
Format	Color
RYB	125, 183, 207
Decimal	8245150
CIELab	77.00, -35.77, 16.63
CIElCh	77, 39.446, 155.067
Yxy	51.5317, 0.2870, 0.3997
Android (android.graphics.Color)	4286435230 (0xFF7DCF9E)
YUV	176.8960, -9.3157, -45.5128
Hunter-Lab	71.7856, -33.6143, 16.8820

Details

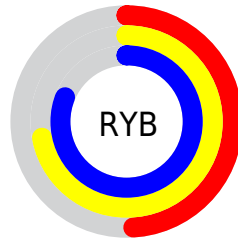
The CIELCh color $77, 39.446, 155.067$ is a light color, and the websafe version is hex $66CC99$. A complement of this color would be $63, 40.474, 342.172$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 33.942, 157.906$, and $57, 39.542, 154.785$ is the 20% darker color. If you saturate the color by 10%, you get $76, 48.754, 153.794$, and if you desaturate by 10%, it is $78, 29.716, 156.182$.

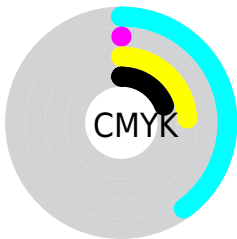
Distribution



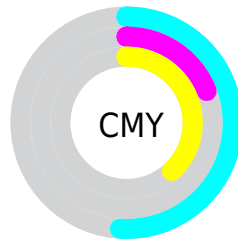
- Red (49%)
- Green (81%)
- Blue (62%)



- Red (49%)
- Yellow (72%)
- Blue (81%)



- Cyan (40%)
- Magenta (0%)
- Yellow (24%)
- Black (19%)





- Cyan (51%)
- Magenta (19%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 39.446, 155.067 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 77, 39.446, 155.067 by changing the saturation by 10% instead.


 77, 39.446,
155.067


 77, 39.446,
155.067


 100, 39.446,
155.067


 67, 39.446,
155.067

 97, 39.446,
155.067

 57, 39.446,
155.067

 47, 39.446,
155.067

 37, 39.446,
155.067

 27, 39.446,
155.067

 17, 39.446,
155.067

 7, 39.446, 155.067

■ 0, 39.446, 155.067

■ 77, 39.446,
155.067

■ 77, 39.446,
155.067

■ 76, 48.754,
153.794

■ 78, 29.716,
156.182

■ 75, 57.459,
152.340

■ 80, 19.732,
157.164

■ 74, 65.395,
150.687

■ 81, 9.646, 158.046

■ 74, 72.437,
148.830

■ 83, 0.418, 337.858

■ 73, 78.520,
146.786

■ 85, 10.361,
339.421

■ 73, 83.725,
144.649

■ 87, 20.114,
340.058

■ 88, 25.901,

■ 73, 83.929,
144.567

332.206

■ 89, 30.011,
325.469

Harmonies

Complementary

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



77, 39.446, 155.067



63, 40.474, 342.172

Rectangle

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



77, 39.446, 155.067



77, 39.446, 205.067



77, 39.446, 335.067



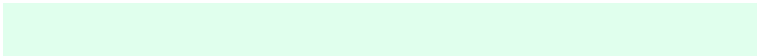
77, 39.446, 25.067

Sweetspot

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



77, 39.447, 155.067



97, 14.298, 157.827



79, 44.596, 123.502



52, 9.487, 157.713



0, 0.000, 0.000



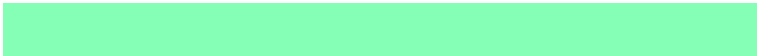
53, 0.007, 296.813

Same Dimension

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



77, 39.447, 155.067



92, 55.954, 153.930



78, 27.194, 188.061



43, 5.750, 158.061



60, 71.368, 144.914



13, 24.287, 150.677

Inverse Universe

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



63, 40.474, 342.172



71, 57.459, 343.178



61, 34.041, 15.730



41, 5.798, 339.415



37, 64.031, 352.863



5, 23.006, 347.455

Previews

White Background



This preview shows how the CIELCh color 77, 39.446, 155.067 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 CIELCh color 77, 39.446, 155.067 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 77, 39.446, 155.067

Background



This preview shows how black text looks on a background with the CIELCh color 77, 39.446, 155.067.

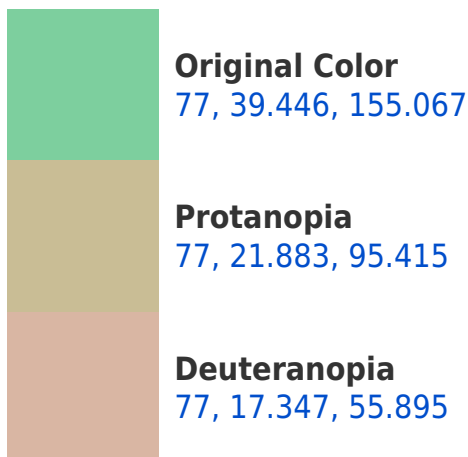


This preview shows how white text looks on a background with the CIELCh color 77, 39.446, 155.067.

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
77, 21.208, 223.845

Trichromacy



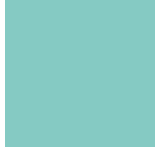
Original Color
77, 39.446, 155.067



Protanomaly
76, 25.103, 128.851



Deuteranomaly
76, 16.271, 118.274



Tritanomaly
77, 23.473, 188.379

Monochromacy



Original Color
77, 39.446, 155.067



Achromatopsia
72, 0.009, 296.813



Achromatomaly
74, 14.880, 157.394

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 39.446, 155.067 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(125, 207, 158)` looks like.

```
.text, #text, p{  
    color:rgb(125, 207, 158)  
}
```

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(125, 207, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 207, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 39.446, 155.067 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(125, 207, 158) }
```

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

```
.border{ border-color:rgb(125, 207, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 207, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 207, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 207, 158);  
box-shadow:4px 4px 4px 4px rgb(125, 207,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 39.446, 155.067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 207, 158) }
```

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

```
.background{ background-color: rgb(125,  
207, 158) }
```

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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