

Converting Colors

CIELCh(77, 44.508, 146.536)

Have a look what the booklet for
CIELCh(77, 44.508, 146.536)
contains.

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Color

CIELCh(77, 44.420, 146.518)

Conversions

Conversions Part 1

Format	Color
Hex	82CF8F
RGB	130, 207, 143
RGB Percent	51%, 81%, 56%
CMY	0.4891, 0.1870, 0.4381
CMYK	0.37, 0.00, 0.31, 0.19
HSL	130°, 45%, 66%
HSV	130°, 37%, 81%
XYZ	36.6154, 51.5317, 34.1152
YIQ	176.6810, -25.3480, -36.2280

Conversions

Conversions Part 2

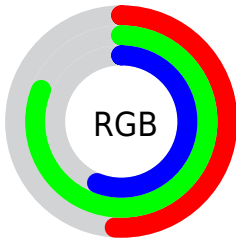
Format	Color
RYB	130, 196, 207
Decimal	8572815
CIELab	77.00, -37.05, 24.51
CIELCh	77, 44.420, 146.518
Yxy	51.5317, 0.2995, 0.4215
Android (android.graphics.Color)	4286762895 (0xFF82CF8F)
YUV	176.6810, -16.6047, -40.9392
Hunter-Lab	71.7856, -34.5781, 22.0731

Details

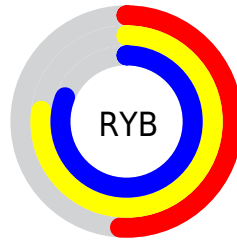
The CIELCh color **77, 44.420, 146.518** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **64, 44.505, 331.785**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 38.906, 147.514**, and **57, 44.479, 146.545** is the 20% darker color. If you saturate the color by 10%, you get **76, 55.822, 145.405**, and if you desaturate by 10%, it is **78, 32.595, 147.483**.

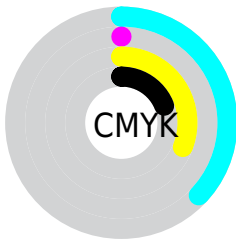
Distribution



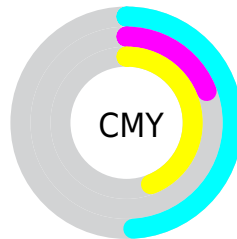
- Red (51%)
- Green (81%)
- Blue (56%)



- Red (51%)
- Yellow (77%)
- Blue (81%)



- Cyan (37%)
- Magenta (0%)
- Yellow (31%)
- Black (19%)



- Cyan (49%)
- Magenta (19%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 44.420, 146.518 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, 44.420, 146.518 by changing the saturation by 10% instead.

 77, 44.420,
146.518

 77, 44.420,
146.518


 100, 44.420,
146.518

 67, 44.420,
146.518

 97, 44.420,
146.518

 57, 44.420,
146.518

 47, 44.420,
146.518

 37, 44.420,
146.518

 27, 44.420,
146.518

 17, 44.420,
146.518

 7, 44.420, 146.518

■ 0, 44.420, 146.518

■ 77, 44.420,
146.518

■ 77, 44.420,
146.518

■ 76, 55.822,
145.405

■ 78, 32.595,
147.483

■ 75, 66.534,
144.137

■ 80, 20.569,
148.316

■ 74, 76.272,
142.724

■ 82, 8.529, 149.048

■ 73, 84.747,
141.200

■ 84, 3.385, 329.533

■ 73, 91.684,
139.642

■ 86, 15.069,
330.132

■ 73, 96.876,
138.175

■ 88, 26.456,
330.599

■ 89, 29.904,

■ 73, 98.069,
137.831

325.466

Harmonies

Complementary

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



77, 44.420, 146.518



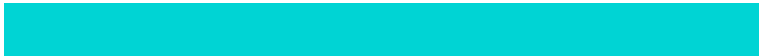
64, 44.505, 331.785

Rectangle

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



77, 44.420, 146.518



77, 44.420, 196.518



77, 44.420, 326.518



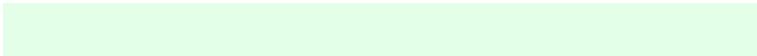
77, 44.420, 16.518

Sweetspot

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



77, 44.421, 146.518



97, 15.565, 148.765



81, 40.315, 114.023



52, 10.466, 148.665



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, 44.421, 146.518



92, 63.155, 145.595



78, 30.027, 169.899



43, 6.827, 148.888



60, 83.537, 138.052



13, 28.023, 144.964

Inverse Universe

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



64, 44.505, 331.785



74, 63.076, 332.340



63, 33.096, 357.983



41, 6.846, 330.000



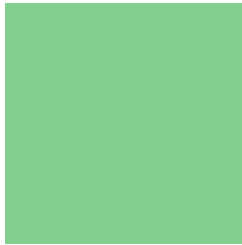
38, 74.288, 336.244



5, 27.315, 334.209

Previews

White Background



This preview shows how the CIELCh color 77, 44.420, 146.518 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, 44.420, 146.518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

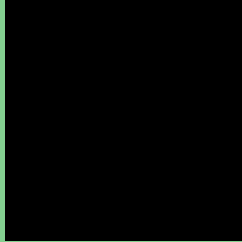
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 44.420, 146.518

Background



This preview shows how black text looks on a background with the CIELCh color 77, 44.420, 146.518.



This preview shows how white text looks on a background with the CIELCh color 77, 44.420, 146.518.

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



Original Color
77, 44.420, 146.518

Protanopia
77, 29.382, 95.317

Deuteranopia
77, 24.000, 66.965



Tritanopia
77, 19.002, 225.374

Trichromacy



Original Color
77, 44.420, 146.518



Protanomaly
76, 31.613, 121.195



Deuteranomaly
76, 23.454, 110.889

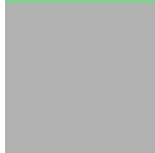


Tritanomaly
77, 22.315, 179.407

Monochromacy



Original Color
77, 44.420, 146.518



Achromatopsia
72, 0.009, 296.813



Achromatomaly
74, 16.366, 148.822

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 44.420, 146.518 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(130, 207, 143)` looks like.

```
.text, #text, p{  
    color:rgb(130, 207, 143)  
}
```

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(130, 207, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 207, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 44.420, 146.518 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(130, 207, 143) }
```

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

```
.border{ border-color:rgb(130, 207, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 207, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 207, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 207, 143);  
box-shadow:4px 4px 4px 4px rgb(130, 207,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 44.420, 146.518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 207, 143) }
```

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

```
.background{ background-color: rgb(130,  
207, 143) }
```

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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