

Converting Colors

CIELCh(79, 57.815, 146.720)

Have a look what the booklet for
CIELCh(79, 57.815, 146.720)
contains.

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Color

CIELCh(79, 57.783, 146.746)

Conversions

Conversions Part 1

Format	Color
Hex	6FD986
RGB	111, 217, 134
RGB Percent	44%, 85%, 53%
CMY	0.5634, 0.1477, 0.4733
CMYK	0.49, 0.00, 0.38, 0.15
HSL	133°, 58%, 64%
HSV	133°, 49%, 85%
XYZ	35.8207, 54.9284, 31.3801
YIQ	175.8440, -36.5330, -48.2850

Conversions

Conversions Part 2

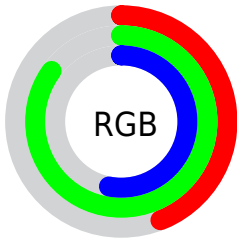
Format	Color
RYB	111, 198, 217
Decimal	7330182
CIELab	79.00, -48.32, 31.69
CIELCh	79, 57.783, 146.746
Yxy	54.9284, 0.2933, 0.4498
Android (android.graphics.Color)	4285520262 (0xFF6FD986)
YUV	175.8440, -20.6291, -56.8682
Hunter-Lab	74.1137, -43.4262, 26.7759

Details

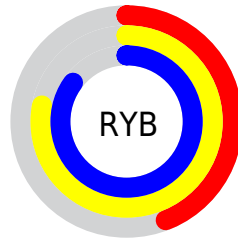
The CIELCh color **79, 57.783, 146.746** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **62, 57.769, 334.451**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 46.202, 148.829**, and **59, 57.734, 146.716** is the 20% darker color. If you saturate the color by 10%, you get **78, 68.409, 145.410**, and if you desaturate by 10%, it is **80, 46.444, 147.915**.

Distribution



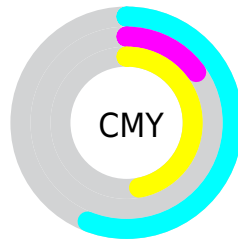
- Red (44%)
- Green (85%)
- Blue (53%)



- Red (44%)
- Yellow (78%)
- Blue (85%)



- Cyan (49%)
- Magenta (0%)
- Yellow (38%)
- Black (15%)




- Cyan (56%)
- Magenta (15%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 57.783, 146.746 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 79, 57.783, 146.746 by changing the saturation by 10% instead.


 79, 57.783,
146.746


 79, 57.783,
146.746


 100, 57.783,
146.746

 69, 57.783,
146.746

 99, 57.783,
146.746

 59, 57.783,
146.746

 49, 57.783,
146.746

 39, 57.783,
146.746

 29, 57.783,
146.746

 19, 57.783,
146.746

 9, 57.783, 146.746

0, 57.783, 146.746

79, 57.783,
146.746

79, 57.783,
146.746

78, 68.409,
145.410

80, 46.444,
147.915

77, 78.056,
143.910

82, 34.641,
148.929

77, 86.474,
142.274

83, 22.603,
149.806

76, 93.445,
140.566

85, 10.517,
150.575

76, 98.850,
138.919

87, 1.470, 330.967

76, 99.424,
138.744

89, 13.248,
331.734

■ 91, 22.948,
326.362

■ 91, 23.587,
325.246

Harmonies

Complementary

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



79, 57.783, 146.746



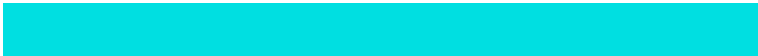
62, 57.769, 334.451

Rectangle

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



79, 57.783, 146.746



79, 57.783, 196.746



79, 57.783, 326.746



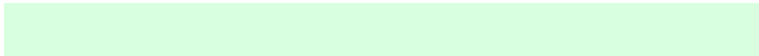
79, 57.783, 16.746

Sweetspot

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



79, 57.784, 146.746



97, 20.538, 150.096



83, 54.541, 115.469



51, 14.022, 149.928



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 57.784, 146.746



90, 78.052, 145.302



80, 38.218, 171.906



45, 6.858, 150.526



62, 83.473, 139.013



15, 30.151, 144.131

Inverse Universe

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



62, 57.769, 334.451



67, 77.207, 335.291



60, 44.694, 3.680



43, 6.881, 331.685



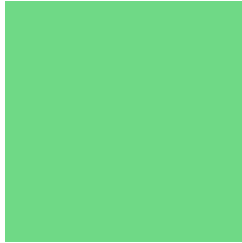
39, 73.260, 339.129



6, 29.669, 336.855

Previews

White Background



This preview shows how the CIELCh color 79, 57.783, 146.746 looks on a white background.

Color Contrast Check

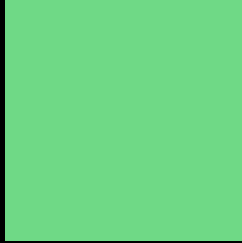
Large Text (above 18pt) WCAG AA × Fail

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 79, 57.783, 146.746 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 79, 57.783, 146.746

Background



This preview shows how black text looks on a background with the CIELCh color 79, 57.783, 146.746.

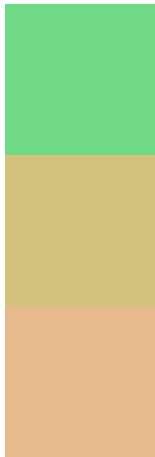


This preview shows how white text looks on a background with the CIELCh color 79, 57.783, 146.746.

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](#).

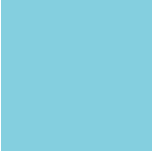
Dichromacy



Original Color
79, 57.783, 146.746

Protanopia
78, 37.033, 95.735

Deuteranopia
78, 30.431, 71.143



Tritanopia
79, 24.506, 218.473

Trichromacy



Original Color
79, 57.783, 146.746



Protanomaly
78, 40.220, 122.286



Deuteranomaly
77, 30.866, 114.822



Tritanomaly
79, 30.975, 176.893

Monochromacy



Original Color
79, 57.783, 146.746



Achromatopsia
72, 0.009, 296.813



Achromatomaly
74, 21.912, 150.179

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 57.783, 146.746 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(111, 217, 134)` looks like.

```
.text, #text, p{  
    color:rgb(111, 217, 134)  
}
```

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(111, 217, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 217, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 57.783, 146.746 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(111, 217, 134) }
```

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

```
.border{ border-color:rgb(111, 217, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 217, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 217, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 217, 134);  
box-shadow:4px 4px 4px 4px rgb(111, 217,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 57.783, 146.746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 217, 134) }
```

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

```
.background{ background-color: rgb(111,  
217, 134) }
```

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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