

Converting Colors

CIELCh(79, 57.555, 146.404)

Have a look what the booklet for
CIELCh(79, 57.555, 146.404)
contains.

CIELCh(79, 57.404, 146.362)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(79, 57.404, 146.362)

Conversions

Conversions Part 1

Format	Color
Hex	71D986
RGB	113, 217, 134
RGB Percent	44%, 85%, 53%
CMY	0.5564, 0.1485, 0.4741
CMYK	0.48, 0.00, 0.38, 0.15
HSL	132°, 58%, 65%
HSV	132°, 48%, 85%
XYZ	35.9783, 54.9284, 31.2995
YIQ	176.4420, -35.3410, -47.8610

Conversions

Conversions Part 2

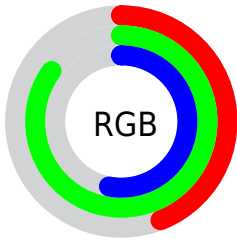
Format	Color
RYB	113, 200, 217
Decimal	7461254
CIELab	79.00, -47.79, 31.80
CIElCh	79, 57.404, 146.362
Yxy	54.9284, 0.2944, 0.4495
Android (android.graphics.Color)	4285651334 (0xFF71D986)
YUV	176.4420, -20.9239, -55.6386
Hunter-Lab	74.1137, -43.0465, 26.8404

Details

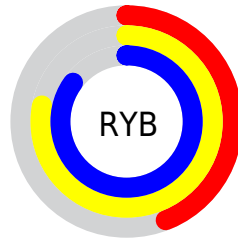
The CIELCh color **79, 57.404, 146.362** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **62, 57.361, 333.788**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 45.773, 148.286**, and **59, 57.307, 146.303** is the 20% darker color. If you saturate the color by 10%, you get **78, 68.207, 145.051**, and if you desaturate by 10%, it is **80, 45.897, 147.509**.

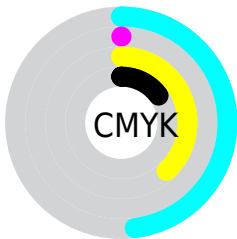
Distribution



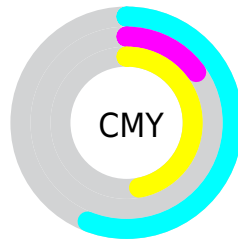
- Red (44%)
- Green (85%)
- Blue (53%)



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



- Cyan (48%)
- Magenta (0%)
- Yellow (38%)
- Black (15%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 57.404, 146.362 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, 57.404, 146.362 by changing the saturation by 10% instead.


 79, 57.404,
146.362

 79, 57.404,
146.362


 100, 57.404,
146.362


 69, 57.404,
146.362

 99, 57.404,
146.362

 59, 57.404,
146.362

 49, 57.404,
146.362

 39, 57.404,
146.362

 29, 57.404,
146.362

 19, 57.404,
146.362

 9, 57.404, 146.362

■ 0, 57.404, 146.362

■ 79, 57.404,
146.362

■ 79, 57.404,
146.362

■ 78, 68.207,
145.051

■ 80, 45.897,
147.509

■ 77, 78.029,
143.582

■ 82, 33.942,
148.503

■ 77, 86.604,
141.982

■ 83, 21.768,
149.363

■ 76, 93.696,
140.318

■ 85, 9.561, 150.118

■ 76, 99.141,
138.714

■ 87, 2.531, 330.589

■ 76, 100.103,
138.425

■ 89, 14.402,
331.247

■ 91, 23.724,

Harmonies

Complementary

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



79, 57.404, 146.362



62, 57.361, 333.788

Rectangle

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



79, 57.404, 146.362



79, 57.404, 196.362



79, 57.404, 326.362



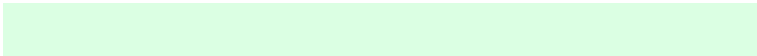
79, 57.404, 16.362

Sweetspot

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



79, 57.405, 146.362



97, 19.370, 149.658



83, 53.470, 114.784



51, 13.384, 149.489



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, 57.405, 146.362



90, 76.562, 145.105



80, 38.123, 170.820



45, 6.932, 150.006



62, 84.130, 138.682



15, 30.389, 143.832

Inverse Universe

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



62, 57.361, 333.788



68, 75.847, 334.502



60, 44.022, 2.273



43, 6.955, 331.152



39, 74.062, 338.213



6, 29.980, 336.139

Previews

White Background



This preview shows how the CIELCh color 79, 57.404, 146.362 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, 57.404, 146.362 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, 57.404, 146.362

Background



This preview shows how black text looks on a background with the CIELCh color 79, 57.404, 146.362.

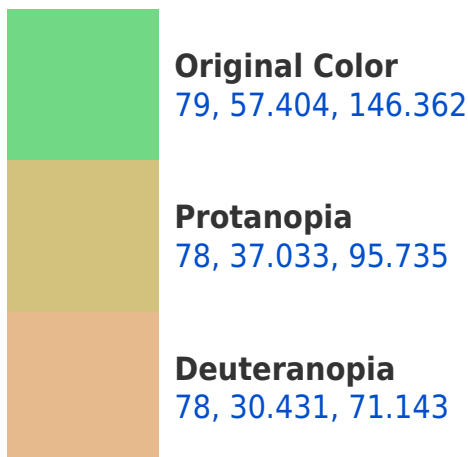


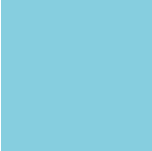
This preview shows how white text looks on a background with the CIELCh color 79, 57.404, 146.362.

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
79, 23.896, 220.488

Trichromacy



Original Color
79, 57.404, 146.362



Protanomaly
78, 40.220, 122.286



Deuteranomaly
77, 31.378, 114.662



Tritanomaly
79, 29.965, 177.324

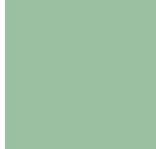
Monochromacy



Original Color
79, 57.404, 146.362



Achromatopsia
72, 0.009, 296.813



Achromatomaly
74, 22.068, 148.627

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 57.404, 146.362 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(113, 217, 134)` looks like.

```
.text, #text, p{  
    color:rgb(113, 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(113, 217, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 217, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 57.404, 146.362 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(113, 217, 134) }
```

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

```
.border{ border-color:rgb(113, 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(113, 217, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 217, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 217, 134);  
box-shadow:4px 4px 4px 4px rgb(113, 217,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 57.404, 146.362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 217, 134) }
```

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

```
.background{ background-color: rgb(113,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor