

Converting Colors

CIELCh(82, 59.732, 147.757)

Have a look what the booklet for
CIELCh(82, 59.732, 147.757)
contains.

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Color

CIELCh(82, 59.770, 147.838)

Conversions

Conversions Part 1

Format	Color
Hex	71E38E
RGB	113, 227, 142
RGB Percent	44%, 89%, 56%
CMY	0.5575, 0.1104, 0.4437
CMYK	0.50, 0.00, 0.37, 0.11
HSL	135°, 67%, 67%
HSV	135°, 50%, 89%
XYZ	39.0851, 60.2982, 35.1114
YIQ	183.2240, -40.6590, -50.6030

Conversions

Conversions Part 2

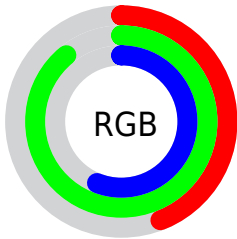
Format	Color
RYB	113, 204, 227
Decimal	7463822
CIELab	82.00, -50.60, 31.82
CIELCh	82, 59.770, 147.838
Yxy	60.2982, 0.2906, 0.4483
Android (android.graphics.Color)	4285653902 (0xFF71E38E)
YUV	183.2240, -20.3234, -61.5864
Hunter-Lab	77.6519, -46.0451, 27.5475

Details

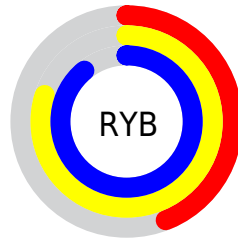
The CIELCh color **82, 59.770, 147.838** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **63, 59.890, 336.176**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 42.401, 151.431**, and **62, 59.856, 147.936** is the 20% darker color. If you saturate the color by 10%, you get **81, 70.333, 146.443**, and if you desaturate by 10%, it is **83, 48.461, 149.058**.

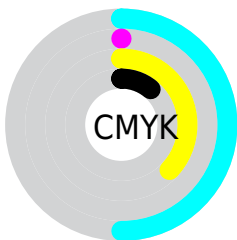
Distribution



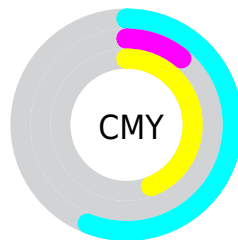
- Red (44%)
- Green (89%)
- Blue (56%)



- Red (44%)
- Yellow (80%)
- Blue (89%)



- Cyan (50%)
- Magenta (0%)
- Yellow (37%)
- Black (11%)





- Cyan (56%)
- Magenta (11%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 59.770, 147.838 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 82, 59.770, 147.838 by changing the saturation by 10% instead.


 82, 59.770,
147.838


 82, 59.770,
147.838


 100, 59.770,
147.838


 72, 59.770,
147.838

 62, 59.770,
147.838

 52, 59.770,
147.838

 42, 59.770,
147.838

 32, 59.770,
147.838

 22, 59.770,
147.838

 12, 59.770,

147.838

■ 2, 59.770, 147.838

■ 0, 59.770, 147.838

■ 82, 59.770,
147.838

■ 82, 59.770,
147.838

■ 81, 70.333,
146.443

■ 83, 48.461,
149.058

■ 80, 79.900,
144.872

■ 85, 36.649,
150.116

■ 80, 88.251,
143.148

■ 86, 24.563,
151.033

■ 79, 95.212,
141.327

■ 88, 12.396,
151.836

■ 79, 100.621,

■ 90, 0.301, 153.679

139.602

92, 11.606,
333.061

93, 17.604,
325.035

Harmonies

Complementary

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



82, 59.770, 147.838



63, 59.890, 336.176

Rectangle

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



82, 59.770, 147.838



82, 59.770, 197.838



82, 59.770, 327.838



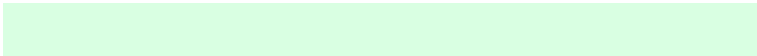
82, 59.770, 17.838

Sweetspot

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



82, 59.771, 147.838



97, 19.974, 151.459



86, 58.343, 116.838



51, 13.636, 151.287



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 59.771, 147.838



90, 76.981, 146.424



83, 39.474, 174.201



46, 6.799, 151.899



63, 82.590, 139.926



16, 30.846, 144.325

Inverse Universe

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



63, 59.890, 336.176



66, 76.308, 337.070



62, 47.434, 6.518



44, 6.826, 333.097



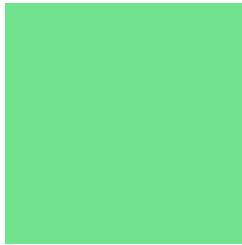
39, 72.079, 341.604



7, 30.257, 338.925

Previews

White Background



This preview shows how the CIELCh color 82, 59.770, 147.838 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 82, 59.770, 147.838 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 82, 59.770, 147.838

Background



This preview shows how black text looks on a background with the CIELCh color 82, 59.770, 147.838.

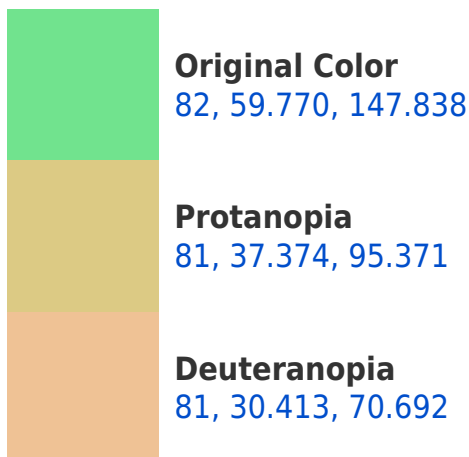


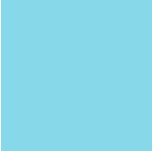
This preview shows how white text looks on a background with the CIELCh color 82, 59.770, 147.838.

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
82, 26.038, 218.266

Trichromacy



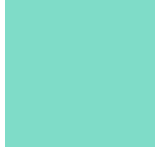
Original Color
82, 59.770, 147.838



Protanomaly
81, 40.772, 123.700



Deuteranomaly
80, 31.838, 116.700



Tritanomaly
82, 32.394, 177.932

Monochromacy



Original Color
82, 59.770, 147.838



Achromatopsia
74, 0.009, 296.813



Achromatomaly
77, 22.884, 151.247

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 59.770, 147.838 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, 227, 142)` looks like.

```
.text, #text, p{  
    color:rgb(113, 227, 142)  
}
```

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, 227, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 227, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 59.770, 147.838 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, 227, 142) }
```

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

```
.border{ border-color:rgb(113, 227, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 227, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 227, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 227, 142);  
box-shadow:4px 4px 4px 4px rgb(113, 227,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 59.770, 147.838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 227, 142) }
```

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

```
.background{ background-color: rgb(113,  
227, 142) }
```

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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