

Converting Colors

CIELCh(82, 57.546, 112.994)

Have a look what the booklet for
CIELCh(82, 57.546, 112.994)
contains.

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Color

CIELCh(82, 57.496, 112.660)

Conversions

Conversions Part 1

Format	Color
Hex	C3D564
RGB	195, 213, 100
RGB Percent	76%, 84%, 39%
CMY	0.2342, 0.1636, 0.6068
CMYK	0.08, 0.00, 0.53, 0.16
HSL	70°, 58%, 61%
HSV	70°, 53%, 84%
XYZ	48.7600, 60.2982, 21.1938
YIQ	194.7360, 25.5450, -38.9590

Conversions

Conversions Part 2

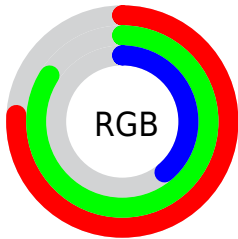
Format	Color
RYB	100, 213, 118
Decimal	12834148
CIELab	82.00, -22.15, 53.06
CIELCh	82, 57.496, 112.660
Yxy	60.2982, 0.3744, 0.4629
Android (android.graphics.Color)	4291024228 (0xFFC3D564)
YUV	194.7360, -46.7048, 0.2315
Hunter-Lab	77.6519, -23.8052, 38.1741

Details

The CIELCh color **82, 57.496, 112.660** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **49, 66.127, 302.040**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 50.228, 107.239**, and **62, 57.316, 112.516** is the 20% darker color. If you saturate the color by 10%, you get **82, 66.739, 112.154**, and if you desaturate by 10%, it is **83, 47.391, 113.293**.

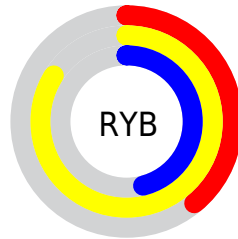
Distribution



Red (76%)

Green (84%)

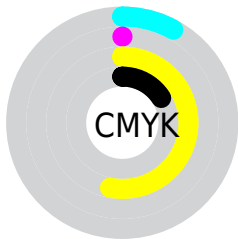
Blue (39%)



Red (39%)

Yellow (84%)

Blue (46%)

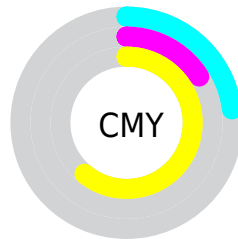


Cyan (8%)

Magenta (0%)

Yellow (53%)

Black (16%)



Cyan (23%)

Magenta (16%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 57.496, 112.660 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, 57.496, 112.660 by changing the saturation by 10% instead.

■ 82, 57.496,
112.660

■ 82, 57.496,
112.660

■ 100, 57.496,
112.660

■ 72, 57.496,
112.660

■ 62, 57.496,
112.660

■ 52, 57.496,
112.660

■ 42, 57.496,
112.660

■ 32, 57.496,
112.660

■ 22, 57.496,
112.660

■ 12, 57.496,

112.660

■ 2, 57.496, 112.660

■ 0, 57.496, 112.660

■ 82, 57.496,
112.660

■ 82, 57.496,
112.660

■ 82, 66.739,
112.154

■ 83, 47.391,
113.293

■ 81, 74.670,
111.840

■ 83, 36.741,
113.995

■ 81, 80.765,
111.802

■ 84, 25.766,
114.729

■ 81, 84.603,
112.115

■ 84, 14.607,
115.471

■ 80, 86.171,

■ 85, 3.358, 116.202

112.511

■ 86, 7.916, 296.914

■ 87, 19.172,
297.594

■ 87, 22.137,
299.958

■ 88, 22.332,
302.881

Harmonies

Complementary

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



82, 57.496, 112.660



49, 66.127, 302.040

Rectangle

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



82, 57.496, 112.660



82, 57.496, 162.660



82, 57.496, 292.660



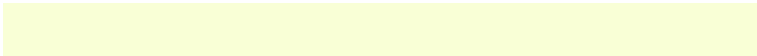
82, 57.496, 342.660

Sweetspot

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



82, 57.497, 112.662



99, 20.784, 115.236



60, 44.289, 35.978



52, 14.023, 115.082



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, 57.497, 112.662



96, 77.998, 112.086



79, 64.415, 131.570



45, 6.408, 115.734



66, 73.005, 112.373



16, 25.320, 113.430

Inverse Universe

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



49, 66.127, 302.040



50, 93.645, 303.708



55, 67.553, 316.362



41, 6.545, 297.144



21, 98.037, 306.982



2, 27.774, 298.003

Previews

White Background



This preview shows how the CIELCh color 82, 57.496, 112.660 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, 57.496, 112.660 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, 57.496, 112.660

Background



This preview shows how black text looks on a background with the CIELCh color 82, 57.496, 112.660.

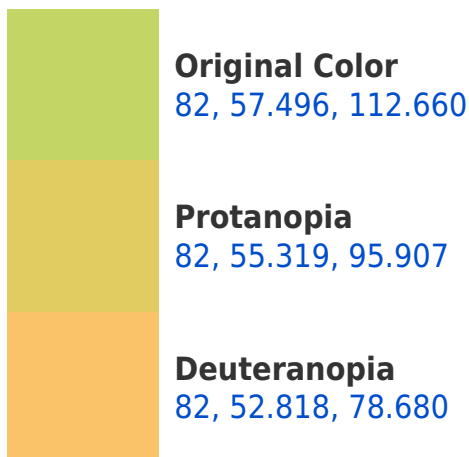



This preview shows how white text looks on a background with the CIELCh color 82, 57.496, 112.660.

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, 8.886, 307.195

Trichromacy



Original Color
82, 57.496, 112.660

Protanomaly
82, 55.405, 102.154

Deuteranomaly
82, 52.065, 91.797

Tritanomaly
82, 15.831, 111.543

Monochromacy



Original Color
82, 57.496, 112.660

Achromatopsia
79, 0.010, 296.813

Achromatomaly
80, 21.817, 115.409

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 57.496, 112.660 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(195, 213, 100)` looks like.

```
.text, #text, p{  
    color:rgb(195, 213, 100)  
}
```

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(195, 213, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 213, 100) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 57.496, 112.660 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(195, 213, 100) }
```

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

```
.border{ border-color:rgb(195, 213, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 213, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 213, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 213, 100);  
box-shadow:4px 4px 4px 4px rgb(195, 213,  
100) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 57.496, 112.660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 213, 100) }
```

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

```
.background{ background-color: rgb(195,  
213, 100) }
```

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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