

Converting Colors

CIELCh(81, 58.023, 112.047)

Have a look what the booklet for
CIELCh(81, 58.023, 112.047)
contains.

CIELCh(81, 57.956, 112.124)	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(81, 57.956, 112.124)

Conversions

Conversions Part 1

Format	Color
Hex	C1D260
RGB	193, 210, 96
RGB Percent	76%, 82%, 38%
CMY	0.2419, 0.1753, 0.6224
CMYK	0.08, 0.00, 0.54, 0.18
HSL	69°, 56%, 60%
HSV	69°, 54%, 82%
XYZ	47.3177, 58.4711, 19.9279
YIQ	191.9210, 26.4620, -39.0580

Conversions

Conversions Part 2

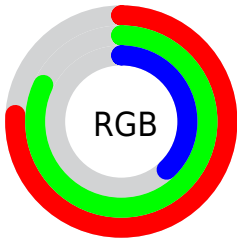
Format	Color
RYB	96, 210, 113
Decimal	12702304
CIELab	81.00, -21.83, 53.69
CIELCh	81, 57.956, 112.124
Yxy	58.4711, 0.3764, 0.4651
Android (android.graphics.Color)	4290892384 (0xFFC1D260)
YUV	191.9210, -47.2891, 0.9463
Hunter-Lab	76.4664, -23.3598, 38.0749

Details

The CIELCh color **81, 57.956, 112.124** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **48, 67.012, 301.945**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 52.138, 107.935**, and **61, 58.014, 112.317** is the 20% darker color. If you saturate the color by 10%, you get **81, 66.950, 111.621**, and if you desaturate by 10%, it is **81, 48.062, 112.759**.

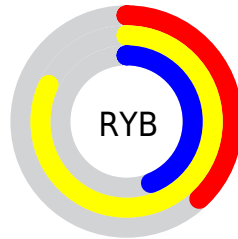
Distribution



Red (76%)

Green (82%)

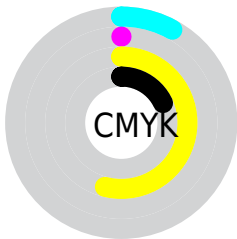
Blue (38%)



Red (38%)

Yellow (82%)

Blue (44%)

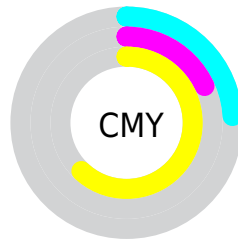


Cyan (8%)

Magenta (0%)

Yellow (54%)

Black (18%)



Cyan (24%)


Magenta (18%)

Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 57.956, 112.124 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 81, 57.956, 112.124 by changing the saturation by 10% instead.


 81, 57.956,
112.124


 81, 57.956,
112.124


 100, 57.956,
112.124


 71, 57.956,
112.124


 61, 57.956,
112.124

 51, 57.956,
112.124

 41, 57.956,
112.124

 31, 57.956,
112.124

 21, 57.956,
112.124

 11, 57.956,

112.124

■ 1, 57.956, 112.124

■ 0, 57.956, 112.124

■ 81, 57.956,
112.124

■ 81, 57.956,
112.124

■ 81, 66.950,
111.621

■ 81, 48.062,
112.759

■ 80, 74.586,
111.315

■ 82, 37.599,
113.467

■ 80, 80.347,
111.288

■ 83, 26.790,
114.212

■ 80, 83.846,
111.609

■ 83, 15.786,
114.966

■ 80, 85.092,

■ 84, 4.682, 115.712

111.914

■ 85, 6.454, 296.441

■ 86, 17.578,
297.137

■ 86, 23.694,
298.649

■ 86, 23.844,
301.166

Harmonies

Complementary

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



81, 57.956, 112.124



48, 67.012, 301.945

Rectangle

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



81, 57.956, 112.124



81, 57.956, 162.124



81, 57.956, 292.124



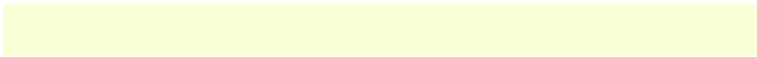
81, 57.956, 342.124

Sweetspot

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



81, 57.957, 112.126



99, 20.765, 114.818



58, 45.498, 34.840



52, 14.010, 114.661



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 57.957, 112.126



96, 78.867, 111.560



78, 64.717, 131.012



44, 6.277, 115.327



65, 72.055, 111.781



15, 23.755, 113.379

Inverse Universe

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



48, 67.012, 301.945



49, 95.222, 303.641



53, 68.170, 315.887



40, 6.412, 296.760



20, 97.046, 306.920



2, 25.704, 296.987

Previews

White Background



This preview shows how the CIELCh color 81, 57.956, 112.124 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 81, 57.956, 112.124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

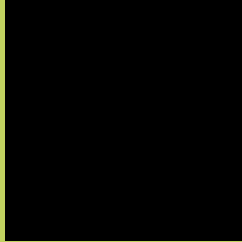
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 57.956, 112.124

Background



This preview shows how black text looks on a background with the CIELCh color 81, 57.956, 112.124.

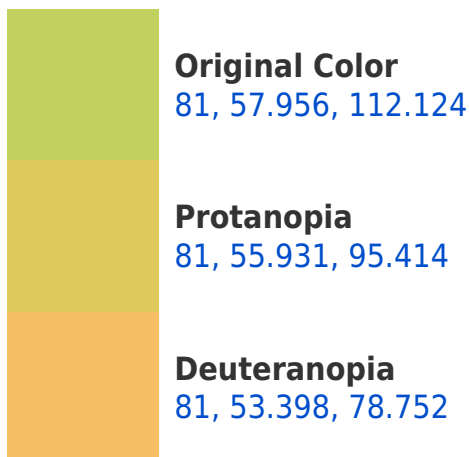


This preview shows how white text looks on a background with the CIELCh color 81, 57.956, 112.124.

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
81, 8.519, 310.511

Trichromacy



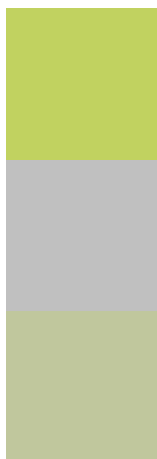
Original Color
81, 57.956, 112.124

Protanomaly
81, 55.959, 101.631

Deuteranomaly
81, 52.623, 91.775

Tritanomaly
81, 16.381, 110.049

Monochromacy



Original Color
81, 57.956, 112.124

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 22.395, 115.183

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 57.956, 112.124 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(193, 210, 96)` looks like.

```
.text, #text, p{  
    color:rgb(193, 210, 96)  
}
```

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(193, 210, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 210, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 57.956, 112.124 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(193, 210, 96) }
```

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

```
.border{ border-color:rgb(193, 210, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 210, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 210, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 210, 96);  
box-shadow:4px 4px 4px 4px rgb(193, 210,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 57.956, 112.124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 210, 96) }
```

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

```
.background{ background-color: rgb(193,  
210, 96) }
```

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