

Converting Colors

CIELCh(80, 56.448, 110.265)

Have a look what the booklet for
CIELCh(80, 56.448, 110.265)
contains.

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Color

CIELCh(80, 56.471, 110.249)

Conversions

Conversions Part 1

Format	Color
Hex	C2CE5F
RGB	194, 206, 95
RGB Percent	76%, 81%, 37%
CMY	0.2377, 0.1906, 0.6260
CMYK	0.06, 0.00, 0.54, 0.19
HSL	66°, 53%, 59%
HSV	66°, 54%, 81%
XYZ	46.5949, 56.6813, 19.3976
YIQ	189.7580, 28.4790, -37.0650

Conversions

Conversions Part 2

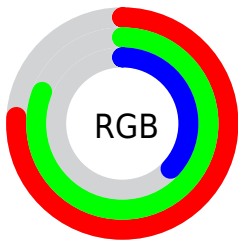
Format	Color
RYB	95, 206, 107
Decimal	12766815
CIELab	80.00, -19.54, 52.98
CIELCh	80, 56.471, 110.249
Yxy	56.6813, 0.3798, 0.4620
Android (android.graphics.Color)	4290956895 (0xFFC2CE5F)
YUV	189.7580, -46.7157, 3.7202
Hunter-Lab	75.2870, -21.2791, 37.4249

Details

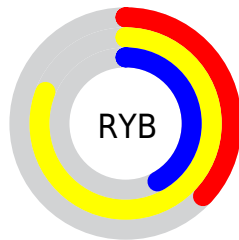
The CIELCh color **80, 56.471, 110.249** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted yellow. A complement of this color would be **47, 65.451, 300.833**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 52.597, 107.453**, and **60, 56.502, 110.324** is the 20% darker color. If you saturate the color by 10%, you get **80, 65.325, 109.672**, and if you desaturate by 10%, it is **80, 46.743, 110.948**.

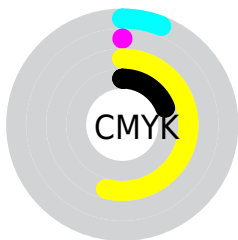
Distribution



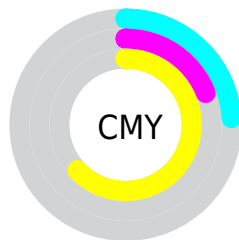
- Red (76%)
- Green (81%)
- Blue (37%)



- Red (37%)
- Yellow (81%)
- Blue (42%)



- Cyan (6%)
- Magenta (0%)
- Yellow (54%)
- Black (19%)





- Cyan (24%)
- Magenta (19%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 56.471, 110.249 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 80, 56.471, 110.249 by changing the saturation by 10% instead.


 80, 56.471,
110.249


 80, 56.471,
110.249


 100, 56.471,
110.249


 70, 56.471,
110.249

 60, 56.471,
110.249

 50, 56.471,
110.249

 40, 56.471,
110.249

 30, 56.471,
110.249

 20, 56.471,
110.249

 10, 56.471,

110.249

■ 0, 56.471, 110.249

■ 80, 56.471,
110.249

■ 80, 56.471,
110.249

■ 80, 65.325,
109.672

■ 80, 46.743,
110.948

■ 79, 72.858,
109.270

■ 81, 36.461,
111.713

■ 79, 78.558,
109.118

■ 81, 25.846,
112.512

■ 79, 82.032,
109.272

■ 82, 15.040,
113.320

■ 79, 83.320,
109.487

■ 83, 4.138, 114.117

■ 83, 6.799, 294.907

■ 84, 17.728,
295.657

■ 85, 25.750,
296.622

■ 85, 25.822,
298.260

Harmonies

Complementary

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



80, 56.471, 110.249



47, 65.451, 300.833

Rectangle

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



80, 56.471, 110.249



80, 56.471, 160.249



80, 56.471, 290.249



80, 56.471, 340.249

Sweetspot

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



80, 56.472, 110.251



99, 20.699, 113.126



57, 45.423, 32.356



53, 13.965, 112.958



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



80, 56.472, 110.251



96, 78.532, 109.575



77, 62.671, 129.991



43, 6.132, 113.674



65, 70.768, 109.388



14, 22.055, 111.676

Inverse Universe

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



47, 65.451, 300.833



49, 95.402, 302.819



52, 66.453, 314.843



39, 6.266, 295.217



20, 96.303, 306.689



2, 23.611, 295.235

Previews

White Background



This preview shows how the CIELCh color 80, 56.471, 110.249 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 80, 56.471, 110.249 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 80, 56.471, 110.249

Background



This preview shows how black text looks on a background with the CIELCh color 80, 56.471, 110.249.



This preview shows how white text looks on a background with the CIELCh color 80, 56.471, 110.249.

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
80, 56.471, 110.249

Protanopia
80, 54.658, 95.229

Deuteranopia
80, 52.826, 78.916



Tritanopia
80, 9.326, 321.076

Trichromacy



Original Color
80, 56.471, 110.249

Protanomaly
80, 54.742, 100.708

Deuteranomaly
80, 52.042, 90.624

Tritanomaly
80, 16.451, 104.620

Monochromacy



Original Color
80, 56.471, 110.249

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 21.280, 112.454

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 56.471, 110.249 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(194, 206, 95)` looks like.

```
.text, #text, p{  
    color:rgb(194, 206, 95)  
}
```

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(194, 206, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 206, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 56.471, 110.249 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(194, 206, 95) }
```

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

```
.border{ border-color:rgb(194, 206, 95) }
```

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

Here you see how a box with a 4 pixel rgb(194, 206, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 206, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 206, 95);  
box-shadow:4px 4px 4px 4px rgb(194, 206,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 56.471, 110.249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 206, 95) }
```

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

```
.background{ background-color: rgb(194,  
206, 95) }
```

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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