

Converting Colors

CIELCh(88, 50.545, 106.311)

Have a look what the booklet for
CIELCh(88, 50.545, 106.311)
contains.

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Color

CIELCh(88, 50.591, 106.399)

Conversions

Conversions Part 1

Format	Color
Hex	E1E27E
RGB	225, 226, 126
RGB Percent	88%, 89%, 49%
CMY	0.1168, 0.1129, 0.5051
CMYK	0.00, 0.00, 0.44, 0.11
HSL	61°, 63%, 69%
HSV	61°, 44%, 89%
XYZ	62.1550, 72.0653, 30.4417
YIQ	214.3010, 31.5040, -31.3120

Conversions

Conversions Part 2

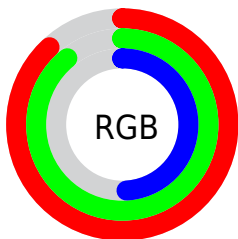
Format	Color
RYB	126, 226, 127
Decimal	14803582
CIELab	88.00, -14.28, 48.53
CIElCh	88, 50.591, 106.399
Yxy	72.0653, 0.3775, 0.4377
Android (android.graphics.Color)	4292993662 (0xFFE1E27E)
YUV	214.3010, -43.5324, 9.3830
Hunter-Lab	84.8913, -17.8671, 38.1627

Details

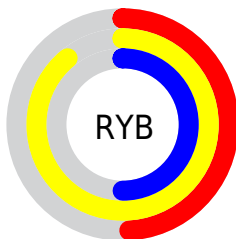
The CIELCh color **88, 50.591, 106.399** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **57, 56.952, 296.639**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 37.646, 107.307**, and **68, 50.660, 106.441** is the 20% darker color. If you saturate the color by 10%, you get **88, 60.968, 105.551**, and if you desaturate by 10%, it is **88, 39.593, 107.314**.

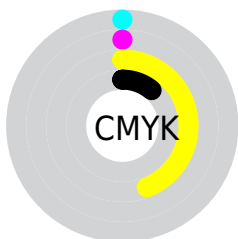
Distribution



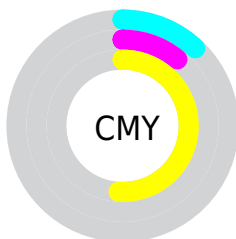
- Red (88%)
- Green (89%)
- Blue (49%)



- Red (49%)
- Yellow (89%)
- Blue (50%)



- Cyan (0%)
- Magenta (0%)
- Yellow (44%)
- Black (11%)




- Cyan (12%)
- Magenta (11%)
- Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 50.591, 106.399 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 88, 50.591, 106.399 by changing the saturation by 10% instead.

 88, 50.591,
106.399

 88, 50.591,
106.399

 100, 50.591,
106.399

 78, 50.591,
106.399

 68, 50.591,
106.399

 58, 50.591,
106.399

 48, 50.591,
106.399

 38, 50.591,
106.399

 28, 50.591,
106.399

 18, 50.591,

106.399

■ 8, 50.591, 106.399

■ 0, 50.591, 106.399

■ 88, 50.591,
106.399

■ 88, 50.591,
106.399

■ 88, 60.968,
105.551

■ 88, 39.593,
107.314

■ 88, 70.350,
104.798

■ 89, 28.218,
108.260

■ 87, 78.238,
104.185

■ 89, 16.629,
109.217

■ 87, 84.071,
103.755

■ 90, 4.931, 110.162

■ 87, 87.454,

■ 90, 6.809, 291.121

103.534

91, 14.949,
291.839

87, 88.536,
103.480

91, 14.951,
292.131

91, 14.954,
292.424

91, 14.956,
292.717

Harmonies

Complementary

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



88, 50.591, 106.399



57, 56.952, 296.639

Rectangle

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



88, 50.591, 106.399



88, 50.591, 156.399



88, 50.591, 286.399



88, 50.591, 336.399

Sweetspot

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



88, 50.592, 106.402



99, 16.768, 109.325



64, 42.165, 24.052



53, 11.727, 109.113



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 50.592, 106.402



98, 65.803, 105.621



85, 54.596, 126.995



47, 6.607, 109.672



70, 73.375, 103.470



19, 27.930, 104.449

Inverse Universe

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



57, 56.952, 296.639



57, 76.651, 298.451



61, 58.252, 311.310



43, 6.755, 291.536



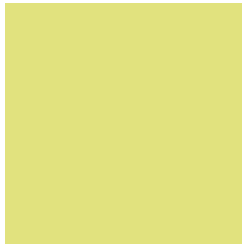
21, 101.253, 306.318



2, 31.648, 296.072

Previews

White Background



This preview shows how the CIELCh color 88, 50.591, 106.399 looks on a white background.

Color Contrast Check

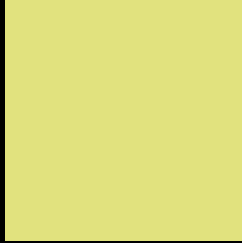
Large Text (above 18pt) WCAG AA × Fail

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 88, 50.591, 106.399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

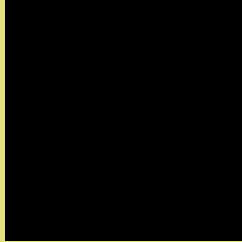
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 50.591, 106.399

Background



This preview shows how black text looks on a background with the CIELCh color 88, 50.591, 106.399.

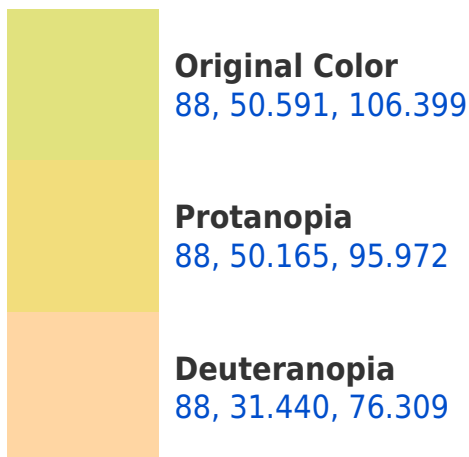


This preview shows how white text looks on a background with the CIELCh color 88, 50.591, 106.399.

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](#).

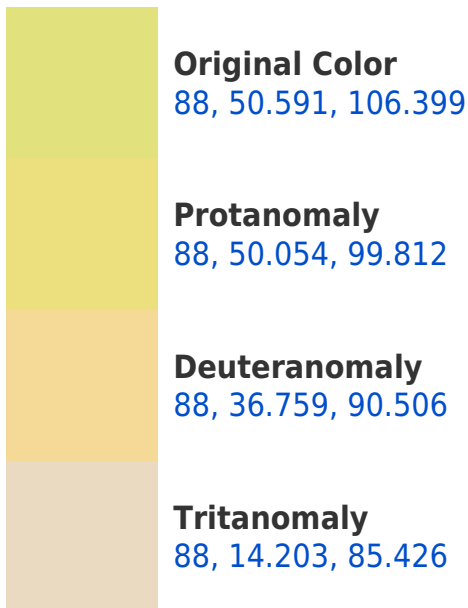
Dichromacy





Tritanopia
88, 12.143, 333.362

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 50.591, 106.399 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(225, 226, 126)` looks like.

```
.text, #text, p{  
    color:rgb(225, 226, 126)  
}
```

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(225, 226, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 226, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 50.591, 106.399 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(225, 226, 126) }
```

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

```
.border{ border-color:rgb(225, 226, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 226, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 226, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 226, 126); box-shadow:4px 4px 4px 4px rgb(225, 226, 126) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 50.591, 106.399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 226, 126) }
```

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

```
.background{ background-color: rgb(225,  
226, 126) }
```

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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