

Converting Colors

CIELCh(88, 47.257, 107.613)

Have a look what the booklet for
CIELCh(88, 47.257, 107.613)
contains.

CIELCh(88, 47.246, 107.203)	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(88, 47.246, 107.203)

Conversions

Conversions Part 1

Format	Color
Hex	E0E285
RGB	224, 226, 133
RGB Percent	88%, 89%, 52%
CMY	0.1208, 0.1130, 0.4778
CMYK	0.01, 0.00, 0.41, 0.11
HSL	61°, 62%, 70%
HSV	61°, 41%, 89%
XYZ	62.2881, 72.0653, 32.8787
YIQ	214.8000, 28.6610, -29.3470

Conversions

Conversions Part 2

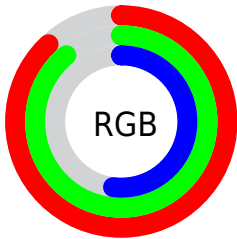
Format	Color
RYB	133, 226, 135
Decimal	14738053
CIELab	88.00, -13.97, 45.13
CIELCh	88, 47.246, 107.203
Yxy	72.0653, 0.3725, 0.4309
Android (android.graphics.Color)	4292928133 (0xFFE0E285)
YUV	214.8000, -40.3274, 8.0684
Hunter-Lab	84.8913, -17.5871, 36.4607

Details

The CIELCh color **88, 47.246, 107.203** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **59, 52.620, 296.400**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 34.195, 107.573**, and **68, 47.415, 107.393** is the 20% darker color. If you saturate the color by 10%, you get **88, 57.848, 106.351**, and if you desaturate by 10%, it is **88, 36.111, 108.114**.

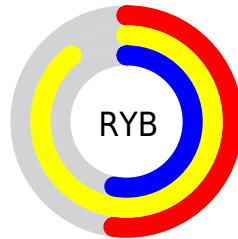
Distribution



Red (88%)

Green (89%)

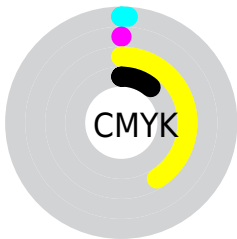
Blue (52%)



Red (52%)

Yellow (89%)

Blue (53%)

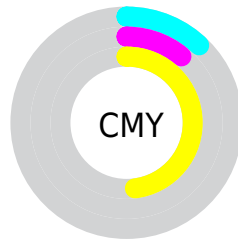


Cyan (1%)

Magenta (0%)

Yellow (41%)

Black (11%)



Cyan (12%)


Magenta (11%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 47.246, 107.203 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, 47.246, 107.203 by changing the saturation by 10% instead.


 88, 47.246,
107.203


 88, 47.246,
107.203


 100, 47.246,
107.203

 78, 47.246,
107.203

 68, 47.246,
107.203

 58, 47.246,
107.203

 48, 47.246,
107.203

 38, 47.246,
107.203

 28, 47.246,
107.203

 18, 47.246,

107.203

■ 8, 47.246, 107.203

■ 0, 47.246, 107.203

■ 88, 47.246,
107.203

■ 88, 47.246,
107.203

■ 88, 57.848,
106.351

■ 88, 36.111,
108.114

■ 87, 67.585,
105.585

■ 89, 24.656,
109.048

■ 87, 75.997,
104.949

■ 89, 13.025,
109.986

■ 87, 82.525,
104.493

■ 90, 1.308, 110.875

■ 87, 86.689,

■ 91, 10.437,
291.838

104.252

91, 14.974,
292.566

87, 88.553,
104.202

91, 14.981,
293.196

91, 14.990,
293.826

91, 15.000,
294.456

Harmonies

Complementary

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



88, 47.246, 107.203



59, 52.620, 296.400

Rectangle

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



88, 47.246, 107.203



88, 47.246, 157.203



88, 47.246, 287.203



88, 47.246, 337.203

Sweetspot

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



88, 47.247, 107.206



99, 15.485, 109.897



66, 38.272, 24.641



53, 10.268, 109.774



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, 47.247, 107.206



98, 61.308, 106.499



85, 51.150, 127.726



47, 6.608, 110.143



69, 73.397, 104.180



19, 27.930, 105.098

Inverse Universe

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



59, 52.620, 296.400



60, 70.294, 297.920



63, 54.165, 311.674



43, 6.757, 291.970



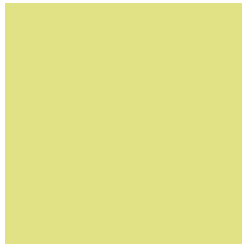
21, 101.193, 306.354



2, 31.664, 296.352

Previews

White Background



This preview shows how the CIELCh color 88, 47.246, 107.203 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, 47.246, 107.203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

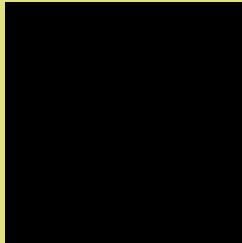
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 47.246, 107.203

Background



This preview shows how black text looks on a background with the CIELCh color 88, 47.246, 107.203.



This preview shows how white text looks on a background with the CIELCh color 88, 47.246, 107.203.

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
88, 47.246, 107.203

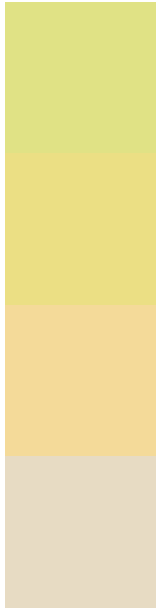
Protanopia
88, 46.746, 96.109

Deuteranopia
88, 30.358, 74.351



Tritanopia
88, 11.036, 331.028

Trichromacy



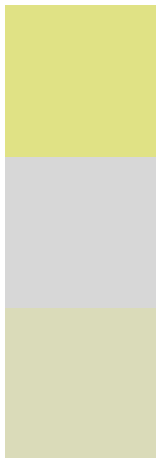
Original Color
88, 47.246, 107.203

Protanomaly
88, 46.650, 100.200

Deuteranomaly
88, 35.294, 89.987

Tritanomaly
88, 13.275, 89.143

Monochromacy



Original Color
88, 47.246, 107.203

Achromatopsia
86, 0.010, 296.813

Achromatomaly
87, 17.694, 109.907

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 47.246, 107.203 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(224, 226, 133)` looks like.

```
.text, #text, p{  
    color:rgb(224, 226, 133)  
}
```

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(224, 226, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 226, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 47.246, 107.203 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(224, 226, 133) }
```

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

```
.border{ border-color:rgb(224, 226, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 226, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 226, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 226, 133);  
box-shadow:4px 4px 4px 4px rgb(224, 226,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 47.246, 107.203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 226, 133) }
```

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

```
.background{ background-color: rgb(224,  
226, 133) }
```

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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