

Converting Colors

CIELCh(88, 57.187, 105.392)

Have a look what the booklet for
CIELCh(88, 57.187, 105.392)
contains.

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Color

CIELCh(88, 57.106, 105.389)

Conversions

Conversions Part 1

Format	Color
Hex	E2E270
RGB	226, 226, 112
RGB Percent	89%, 89%, 44%
CMY	0.1119, 0.1119, 0.5591
CMYK	0.00, 0.00, 0.50, 0.11
HSL	60°, 67%, 66%
HSV	60°, 50%, 89%
XYZ	61.7814, 72.0653, 26.1083
YIQ	213.0040, 36.5940, -35.4540

Conversions

Conversions Part 2

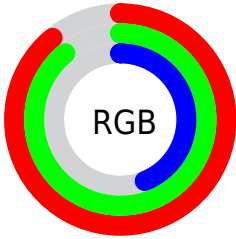
Format	Color
RYB	112, 226, 112
Decimal	14869104
CIELab	88.00, -15.15, 55.06
CIELCh	88, 57.106, 105.389
Yxy	72.0653, 0.3862, 0.4505
Android (android.graphics.Color)	4293059184 (0xFFE2E270)
YUV	213.0040, -49.7950, 11.3975
Hunter-Lab	84.8913, -18.6526, 41.1893

Details

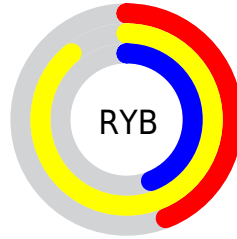
The CIELCh color **88, 57.106, 105.389** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **53, 65.759, 297.591**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 44.472, 106.780**, and **68, 57.150, 105.630** is the 20% darker color. If you saturate the color by 10%, you get **88, 66.933, 104.578**, and if you desaturate by 10%, it is **88, 46.445, 106.286**.

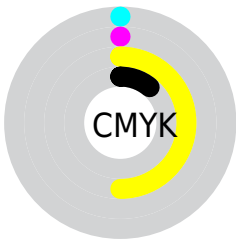
Distribution



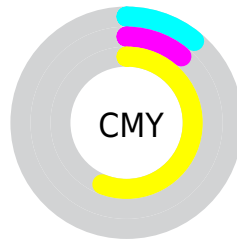
- Red (89%)
- Green (89%)
- Blue (44%)



- Red (44%)
- Yellow (89%)
- Blue (44%)



- Cyan (0%)
- Magenta (0%)
- Yellow (50%)
- Black (11%)





- Cyan (11%)
- Magenta (11%)
- Yellow (56%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 57.106, 105.389 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, 57.106, 105.389 by changing the saturation by 10% instead.

 88, 57.106,
105.389

 88, 57.106,
105.389


 100, 57.106,
105.389


 78, 57.106,
105.389

 68, 57.106,
105.389

 58, 57.106,
105.389

 48, 57.106,
105.389

 38, 57.106,
105.389


 28, 57.106,
105.389


 18, 57.106,


105.389

 8, 57.106, 105.389


 0, 57.106, 105.389


 88, 57.106,
105.389


 88, 57.106,
105.389

 88, 66.933,
104.578

 88, 46.445,
106.286


 88, 75.469,
103.883

 89, 35.267,
107.231

 88, 82.158,
103.349

 89, 23.785,
108.199

 87, 86.506,
103.008

 89, 12.136,
109.170

 87, 88.591,

 90, 0.407, 109.967

102.845

■ 91, 11.345,
291.089

■ 91, 14.811,
291.359

■ 91, 14.810,
291.355

■ 91, 14.809,
291.352

Harmonies

Complementary

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



88, 57.106, 105.389



53, 65.759, 297.591

Rectangle

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



88, 57.106, 105.389



88, 57.106, 155.389



88, 57.106, 285.389



88, 57.106, 335.389

Sweetspot

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



88, 57.107, 105.392



99, 19.334, 108.710



61, 48.672, 24.066



53, 13.182, 108.504



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, 57.107, 105.392



98, 73.251, 104.575



84, 61.502, 126.141



47, 6.606, 109.258



70, 73.360, 102.845



19, 27.931, 103.880

Inverse Universe

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



53, 65.759, 297.591



51, 87.878, 299.754



58, 66.510, 311.126



43, 6.754, 291.155



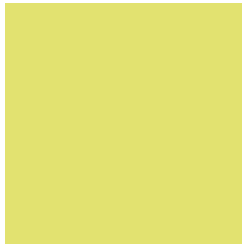
21, 101.300, 306.286



2, 31.632, 295.827

Previews

White Background



This preview shows how the CIELCh color 88, 57.106, 105.389 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, 57.106, 105.389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

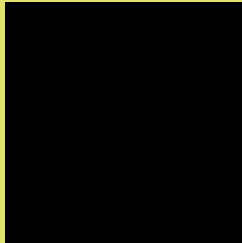
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 88, 57.106, 105.389

Background



This preview shows how black text looks on a background with the CIELCh color 88, 57.106, 105.389.



This preview shows how white text looks on a background with the CIELCh color 88, 57.106, 105.389.

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, 57.106, 105.389

Protanopia
88, 56.365, 95.595

Deuteranopia
88, 32.347, 77.115

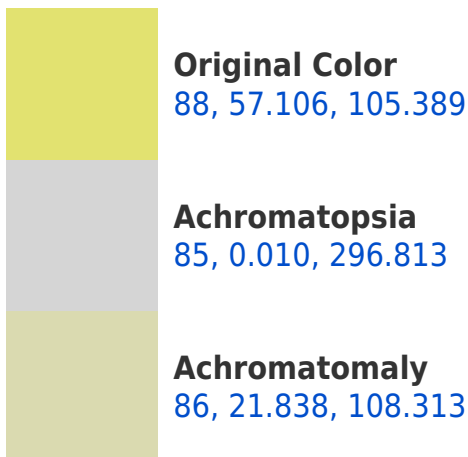


Tritanopia
88, 12.909, 336.969

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 57.106, 105.389 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(226, 226, 112)` looks like.

```
.text, #text, p{  
    color:rgb(226, 226, 112)  
}
```

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(226, 226, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 226, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 57.106, 105.389 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(226, 226, 112) }
```

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

```
.border{ border-color:rgb(226, 226, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 226, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 226, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 226, 112); box-shadow:4px 4px 4px 4px rgb(226, 226, 112) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 57.106, 105.389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 226, 112) }
```

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

```
.background{ background-color: rgb(226,  
226, 112) }
```

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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