

Converting Colors

CIELCh(88, 61.149, 105.089)

Have a look what the booklet for
CIELCh(88, 61.149, 105.089)
contains.

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Color

CIELCh(88, 61.110, 105.073)

Conversions

Conversions Part 1

Format	Color
Hex	E3E368
RGB	227, 227, 104
RGB Percent	89%, 89%, 41%
CMY	0.1109, 0.1109, 0.5932
CMYK	0.00, 0.00, 0.54, 0.11
HSL	60°, 69%, 65%
HSV	60°, 54%, 89%
XYZ	61.4664, 72.0653, 23.6972
YIQ	212.9780, 39.4830, -38.2530

Conversions

Conversions Part 2

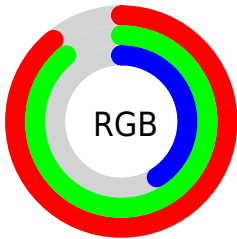
Format	Color
RYB	104, 227, 104
Decimal	14934888
CIELab	88.00, -15.89, 59.01
CIELCh	88, 61.110, 105.073
Yxy	72.0653, 0.3909, 0.4583
Android (android.graphics.Color)	4293124968 (0xFFE3E368)
YUV	212.9780, -53.7262, 12.2973
Hunter-Lab	84.8913, -19.3149, 42.8732

Details

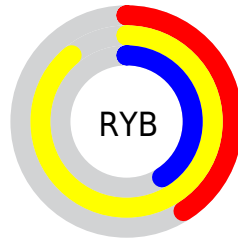
The CIELCh color **88, 61.110, 105.073** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **50, 71.457, 298.417**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 47.839, 106.520**, and **68, 61.019, 105.190** is the 20% darker color. If you saturate the color by 10%, you get **88, 70.505, 104.304**, and if you desaturate by 10%, it is **88, 50.719, 105.943**.

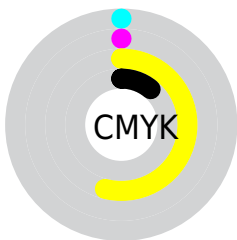
Distribution



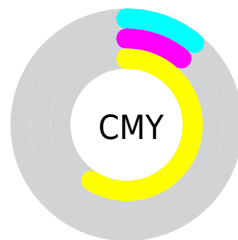
- Red (89%)
- Green (89%)
- Blue (41%)



- Red (41%)
- Yellow (89%)
- Blue (41%)



- Cyan (0%)
- Magenta (0%)
- Yellow (54%)
- Black (11%)





- Cyan (11%)
- Magenta (11%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 61.110, 105.073 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, 61.110, 105.073 by changing the saturation by 10% instead.


 88, 61.110,
105.073


 88, 61.110,
105.073


 100, 61.110,
105.073


 78, 61.110,
105.073

 68, 61.110,
105.073

 58, 61.110,
105.073

 48, 61.110,
105.073

 38, 61.110,
105.073


 28, 61.110,
105.073


 18, 61.110,


105.073

 8, 61.110, 105.073

 0, 61.110, 105.073


 88, 61.110,
105.073


 88, 61.110,
105.073

 88, 70.505,
104.304

 88, 50.719,
105.943


 88, 78.398,
103.668

 89, 39.700,
106.870

 88, 84.228,
103.207

 89, 28.306,
107.832

 88, 87.602,
102.944

 89, 16.697,
108.804

 88, 88.674,

 90, 4.979, 109.763

102.862

■ 90, 6.781, 290.740

■ 91, 14.678,
291.361

■ 91, 14.678,
291.365

■ 91, 14.678,
291.370

Harmonies

Complementary

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



88, 61.110, 105.073



50, 71.457, 298.417

Rectangle

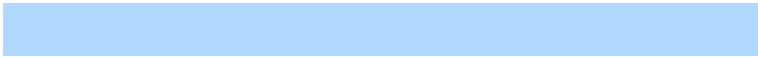
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88, 61.110, 105.073



88, 61.110, 155.073



88, 61.110, 285.073



88, 61.110, 335.073

Sweetspot

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



88, 61.111, 105.076



99, 20.619, 108.623



59, 53.320, 26.122



53, 13.911, 108.422



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, 61.111, 105.076



97, 78.167, 104.221



84, 66.214, 126.596



47, 6.607, 109.269



70, 73.366, 102.862



19, 27.934, 103.894

Inverse Universe

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



50, 71.457, 298.417



48, 95.874, 300.885



55, 71.834, 311.832



43, 6.754, 291.165



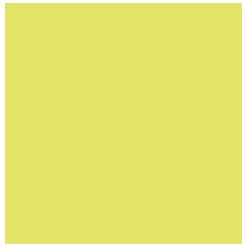
21, 101.304, 306.288



2, 31.634, 295.833

Previews

White Background



This preview shows how the CIELCh color 88, 61.110, 105.073 looks on a white background.

Color Contrast Check

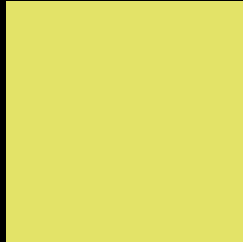
Large Text (above 18pt) WCAG AA × Fail

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, 61.110, 105.073 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, 61.110, 105.073

Background



This preview shows how black text looks on a background with the CIELCh color 88, 61.110, 105.073.



This preview shows how white text looks on a background with the CIELCh color 88, 61.110, 105.073.

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, 61.110, 105.073

Protanopia

88, 60.472, 95.458

Deuteranopia

88, 33.259, 77.871



Tritanopia
88, 12.909, 336.969

Trichromacy



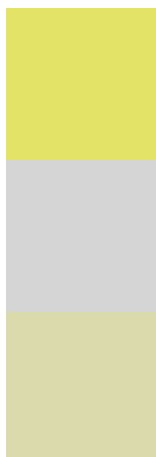
Original Color
88, 61.110, 105.073

Protanomaly
88, 60.267, 99.103

Deuteranomaly
88, 42.564, 92.150

Tritanomaly
88, 18.871, 88.346

Monochromacy



Original Color
88, 61.110, 105.073

Achromatopsia
85, 0.010, 296.813

Achromatomaly
86, 23.385, 108.180

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 61.110, 105.073 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(227, 227, 104)` looks like.

```
.text, #text, p{  
    color:rgb(227, 227, 104)  
}
```

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(227, 227, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 227, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 61.110, 105.073 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(227, 227, 104) }
```

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

```
.border{ border-color:rgb(227, 227, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 227, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 227, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 227, 104);  
box-shadow:4px 4px 4px 4px rgb(227, 227,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 61.110, 105.073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 227, 104) }
```

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

```
.background{ background-color: rgb(227,  
227, 104) }
```

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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