

Converting Colors

CIELCh(89, 72.399, 113.561)

Have a look what the booklet for
CIELCh(89, 72.399, 113.561)
contains.

| | |
|--|----|
| CIELCh(89, 72.405, 113.552) | 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(89, 72.405, 113.552)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D0EC58 |
| RGB | 208, 236, 88 |
| RGB Percent | 82%, 93%, 35% |
| CMY | 0.1840, 0.0742, 0.6546 |
| CMYK | 0.12, 0.00, 0.63, 0.07 |
| HSL | 71°, 80%, 64% |
| HSV | 71°, 63%, 93% |
| XYZ | 57.8181, 74.1641, 20.5171 |
| YIQ | 210.7560, 30.8200, -51.9640 |

Conversions

Conversions Part 2

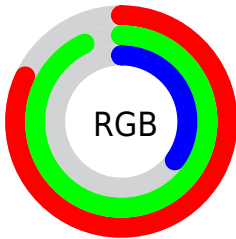
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 88, 236, 116 |
| Decimal | 13691992 |
| CIELab | 89.00, -28.93, 66.37 |
| CIELCh | 89, 72.405, 113.552 |
| Yxy | 74.1641, 0.3791, 0.4863 |
| Android (android.graphics.Color) | 4291882072 (0xFFD0EC58) |
| YUV | 210.7560, -60.5187, -2.4170 |
| Hunter-Lab | 86.1186, -30.8666, 46.1576 |

Details

The CIELCh color **89, 72.405, 113.552** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **48, 85.967, 304.151**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 54.921, 105.974**, and **69, 72.283, 113.651** is the 20% darker color. If you saturate the color by 10%, you get **89, 81.069, 113.294**, and if you desaturate by 10%, it is **90, 62.316, 114.020**.

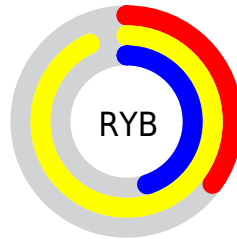
Distribution



Red (82%)

Green (93%)

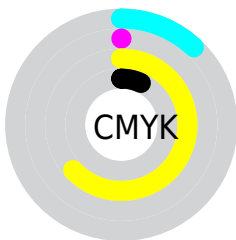
Blue (35%)



Red (35%)

Yellow (93%)

Blue (45%)

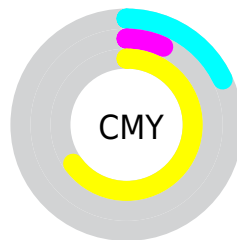


Cyan (12%)

Magenta (0%)

Yellow (63%)

Black (7%)



Cyan (18%)


Magenta (7%)


Yellow (65%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 72.405, 113.552 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 89, 72.405, 113.552 by changing the saturation by 10% instead.


 89, 72.405,
113.552

 89, 72.405,
113.552


 100, 72.405,
113.552


 79, 72.405,
113.552

 69, 72.405,
113.552

 59, 72.405,
113.552

 49, 72.405,
113.552

 39, 72.405,
113.552

 29, 72.405,
113.552

 19, 72.405,

113.552

■ 9, 72.405, 113.552

■ 0, 72.405, 113.552

■ 89, 72.405,
113.552

■ 89, 72.405,
113.552

■ 89, 81.069,
113.294

■ 90, 62.316,
114.020

■ 88, 87.731,
113.333

■ 90, 51.288,
114.616

■ 88, 91.934,
113.752

■ 91, 39.672,
115.284

■ 88, 93.648,
114.274


■ 92, 27.706,
115.987


■ 92, 15.545,

116.696

 93, 3.292, 117.396

 94, 8.983, 298.067

 95, 10.139,
306.181

 95, 10.664,
314.257

Harmonies

Complementary

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



89, 72.405, 113.552



48, 85.967, 304.151

Rectangle

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



89, 72.405, 113.552



89, 72.405, 163.552



89, 72.405, 293.552



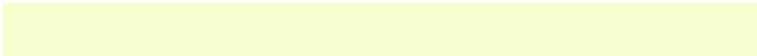
89, 72.405, 343.552

Sweetspot

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



89, 72.406, 113.554



98, 24.732, 116.243



62, 57.773, 39.522



52, 17.002, 116.039



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



89, 72.406, 113.554



95, 88.020, 113.272



85, 81.949, 132.115



49, 6.926, 116.923



69, 76.707, 114.095



21, 31.130, 113.711

Inverse Universe

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



48, 85.967, 304.151



44, 109.559, 305.717



56, 85.815, 317.657



45, 7.072, 298.270



23, 102.038, 307.179



3, 36.208, 302.190

Previews

White Background



This preview shows how the CIELCh color 89, 72.405, 113.552 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 89, 72.405, 113.552 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 89, 72.405, 113.552

Background



This preview shows how black text looks on a background with the CIELCh color 89, 72.405, 113.552.



This preview shows how white text looks on a background with the CIELCh color 89, 72.405, 113.552.

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

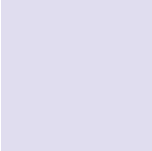
89, 72.405, 113.552

Protanopia

89, 68.563, 95.171

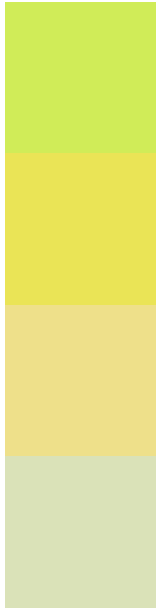
Deuteranopia

89, 30.694, 78.262



Tritanopia
89, 9.467, 297.272

Trichromacy



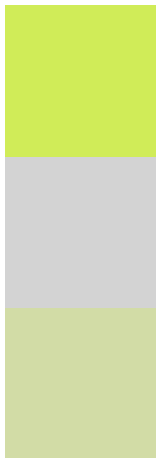
Original Color
89, 72.405, 113.552

Protanomaly
89, 69.131, 102.339

Deuteranomaly
89, 44.300, 99.071

Tritanomaly
88, 21.941, 116.333

Monochromacy



Original Color
89, 72.405, 113.552

Achromatopsia
85, 0.010, 296.813

Achromatomaly
86, 28.266, 115.694

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 72.405, 113.552 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(208, 236, 88)` looks like.

```
.text, #text, p{  
    color:rgb(208, 236, 88)  
}
```

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(208, 236, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 236, 88) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 72.405, 113.552 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(208, 236, 88) }
```

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

```
.border{ border-color:rgb(208, 236, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 236, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 236, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 236, 88);  
box-shadow:4px 4px 4px 4px rgb(208, 236,  
88) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 72.405, 113.552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 236, 88) }
```

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

```
.background{ background-color: rgb(208,  
236, 88) }
```

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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