

Converting Colors

CIELCh(88, 92.658, 112.940)

Have a look what the booklet for
CIELCh(88, 92.658, 112.940)
contains.

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Color

CIELCh(88, 92.591, 113.005)

Conversions

Conversions Part 1

Format	Color
Hex	C5EC08
RGB	197, 236, 8
RGB Percent	77%, 93%, 3%
CMY	0.2264, 0.0735, 0.9686
CMYK	0.17, 0.00, 0.97, 0.07
HSL	70°, 93%, 48%
HSV	70°, 97%, 93%
XYZ	53.2115, 72.0653, 11.3345
YIQ	198.3470, 49.9440, -79.1760

Conversions

Conversions Part 2

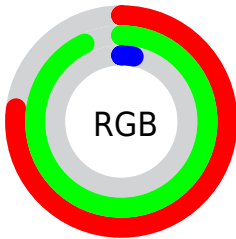
Format	Color
R _Y B	8, 236, 47
Decimal	12971016
CIE Lab	88.00, -36.19, 85.23
CIE LCh	88, 92.591, 113.005
Yxy	72.0653, 0.3895, 0.5275
Android (android.graphics.Color)	4291161096 (0xFFC5EC08)
YUV	198.3470, -93.8411, -1.1813
Hunter-Lab	84.8913, -36.6725, 51.5076

Details

The CIELCh color **88, 92.591, 113.005** is a dark color, and the websafe version is hex **CCFF33**. The color can be described as middle washed yellow. A complement of this color would be **31, 123.316, 306.873**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 76.764, 104.318**, and **68, 77.206, 116.478** is the 20% darker color. If you saturate the color by 10%, you get **88, 93.315, 113.232**, and if you desaturate by 10%, it is **88, 89.436, 112.494**.

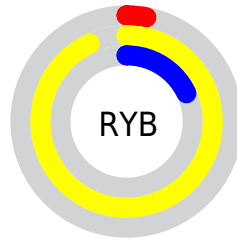
Distribution



Red (77%)

Green (93%)

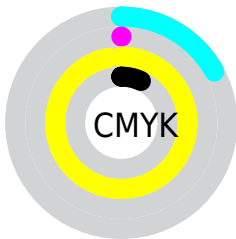
Blue (3%)



Red (3%)

Yellow (93%)

Blue (18%)

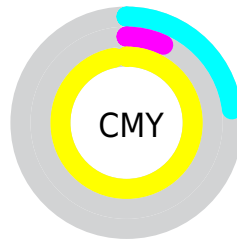


Cyan (17%)

Magenta (0%)

Yellow (97%)

Black (7%)



Cyan (23%)


Magenta (7%)


Yellow (97%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 92.591, 113.005 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, 92.591, 113.005 by changing the saturation by 10% instead.


 88, 92.591,
113.005

 88, 92.591,
113.005


 100, 92.591,
113.005


 78, 92.591,
113.005

 68, 92.591,
113.005

 58, 92.591,
113.005

 48, 92.591,
113.005

 38, 92.591,
113.005

 28, 92.591,
113.005


 18, 92.591,


113.005

 8, 92.591, 113.005


 0, 92.591, 113.005


 88, 92.591,
113.005


 88, 92.591,
113.005

 88, 93.315,
113.232

 88, 89.436,
112.494

 89, 83.752,
112.362

 89, 75.847,
112.552

 90, 66.285,
112.976

 90, 55.604,

113.553

■ 91, 44.209,
114.222

■ 91, 32.380,
114.937

■ 92, 20.300,
115.669

■ 93, 8.089, 116.396

Harmonies

Complementary

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



88, 92.591, 113.005



31, 123.316, 306.873

Rectangle

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



88, 92.591, 113.005



88, 92.591, 163.005



88, 92.591, 293.005



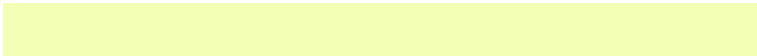
88, 92.591, 343.005

Sweetspot

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



88, 92.591, 113.007



98, 37.483, 114.755



52, 93.064, 42.076



52, 25.637, 114.448



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, 92.591, 113.007



94, 98.878, 113.272



83, 107.151, 132.432



49, 6.913, 116.190



69, 76.400, 113.067



21, 31.037, 112.759

Inverse Universe

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



31, 123.316, 306.873



33, 132.482, 306.916



44, 112.769, 316.410



45, 7.061, 297.584



22, 102.253, 307.038



3, 36.152, 301.764

Previews

White Background



This preview shows how the CIE LCh color 88, 92.591, 113.005 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, 92.591, 113.005 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, 92.591, 113.005

Background



This preview shows how black text looks on a background with the CIELCh color 88, 92.591, 113.005.



This preview shows how white text looks on a background with the CIELCh color 88, 92.591, 113.005.

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](#).

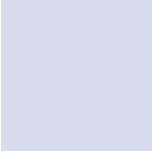
Dichromacy



Original Color
88, 92.515, 113.019

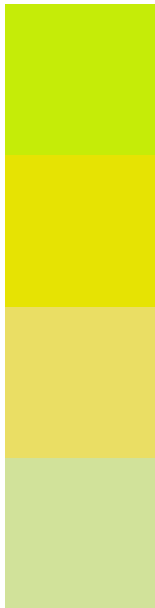
Protanopia
88, 87.827, 95.171

Deuteranopia
88, 36.487, 80.177



Tritanopia
88, 8.966, 282.041

Trichromacy



Original Color
88, 92.515, 113.019

Protanomaly
88, 88.514, 102.036

Deuteranomaly
87, 61.030, 100.268

Tritanomaly
87, 37.573, 117.321

Monochromacy



Original Color
88, 92.515, 113.019

Achromatopsia
80, 0.010, 296.813

Achromatomaly
82, 43.215, 114.506

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 92.591, 113.005 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(197, 236, 8)` looks like.

```
.text, #text, p{  
    color:rgb(197, 236, 8)  
}
```

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(197, 236, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 236, 8) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 92.591, 113.005 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(197, 236, 8) }
```

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

```
.border{ border-color:rgb(197, 236, 8) }
```

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

Here you see how a box with a 4 pixel rgb(197, 236, 8) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 236, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 236, 8);  
box-shadow:4px 4px 4px 4px rgb(197, 236,  
8) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 92.591, 113.005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 236, 8) }
```

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

```
.background{ background-color: rgb(197,  
236, 8) }
```

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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