

Converting Colors

CIELCh(88, 93.899, 114.100)

Have a look what the booklet for
CIELCh(88, 93.899, 114.100)
contains.

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Color

CIELCh(88, 93.845, 114.075)

Conversions

Conversions Part 1

Format	Color
Hex	C1ED01
RGB	193, 237, 1
RGB Percent	76%, 93%, 0%
CMY	0.2422, 0.0697, 0.9967
CMYK	0.19, 0.00, 1.00, 0.07
HSL	71°, 99%, 47%
HSV	71°, 100%, 93%
XYZ	52.4034, 72.0653, 11.1711
YIQ	196.9400, 49.5320, -82.7240

Conversions

Conversions Part 2

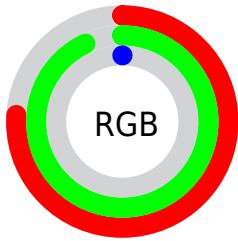
Format	Color
RYB	1, 237, 45
Decimal	12709121
CIELab	88.00, -38.28, 85.68
CIElCh	88, 93.845, 114.075
Yxy	72.0653, 0.3863, 0.5313
Android (android.graphics.Color)	4290899201 (0xFFC1ED01)
YUV	196.9400, -96.5984, -3.4554
Hunter-Lab	84.8913, -38.3717, 51.6217

Details

The CIELCh color **88, 93.845, 114.075** 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, 125.005, 307.040**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 77.517, 104.567**, and **68, 78.083, 117.851** is the 20% darker color. If you saturate the color by 10%, you get **88, 93.922, 114.102**, and if you desaturate by 10%, it is **88, 91.211, 113.419**.

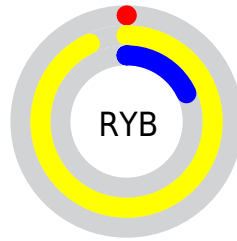
Distribution



Red (76%)

Green (93%)

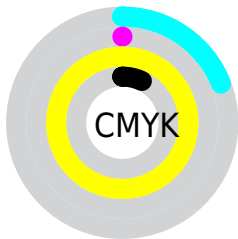
Blue (0%)



Red (0%)

Yellow (93%)

Blue (18%)

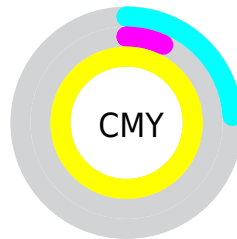


Cyan (19%)

Magenta (0%)

Yellow (100%)

Black (7%)



Cyan (24%)


Magenta (7%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 93.845, 114.075 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, 93.845, 114.075 by changing the saturation by 10% instead.


 88, 93.845,
114.075


 88, 93.845,
114.075


 100, 93.845,
114.075


 78, 93.845,
114.075

 68, 93.845,
114.075

 58, 93.845,
114.075

 48, 93.845,
114.075

 38, 93.845,
114.075


 28, 93.845,
114.075


 18, 93.845,


114.075


 8, 93.845, 114.075


 0, 93.845, 114.075


 88, 93.845,
114.075


 88, 93.845,
114.075

 88, 93.922,
114.102

 88, 91.211,
113.419

 89, 86.228,
113.130

 89, 78.882,
113.198

 90, 69.700,
113.534

 90, 59.246,

114.051

■ 91, 47.970,
114.678

■ 91, 36.186,
115.364

■ 92, 24.105,
116.075

■ 93, 11.864,
116.787

Harmonies

Complementary

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



88, 93.845, 114.075



31, 125.005, 307.040

Rectangle

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



88, 93.845, 114.075



88, 93.845, 164.075



88, 93.845, 294.075



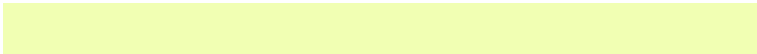
88, 93.845, 344.075

Sweetspot

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



88, 93.845, 114.077



97, 38.814, 115.331



52, 94.821, 42.640



52, 26.394, 115.037



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, 93.845, 114.077



94, 99.218, 114.143



83, 108.978, 133.017



50, 7.047, 116.798



70, 77.457, 113.933



22, 32.424, 113.361

Inverse Universe

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



31, 125.005, 307.040



34, 132.266, 307.023



44, 113.728, 316.712



46, 7.197, 298.156



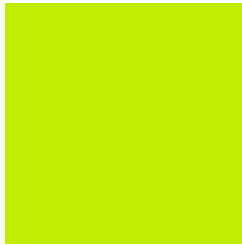
23, 103.151, 307.148



3, 38.342, 303.061

Previews

White Background



This preview shows how the CIELCh color 88, 93.845, 114.075 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, 93.845, 114.075 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, 93.845, 114.075

Background



This preview shows how black text looks on a background with the CIELCh color 88, 93.845, 114.075.

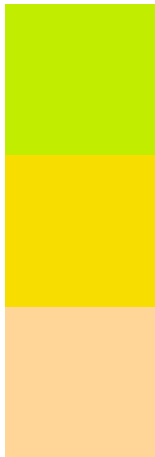


This preview shows how white text looks on a background with the CIELCh color 88, 93.845, 114.075.

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](#).

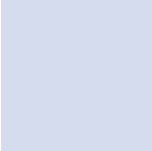
Dichromacy



Original Color
88, 93.769, 114.089

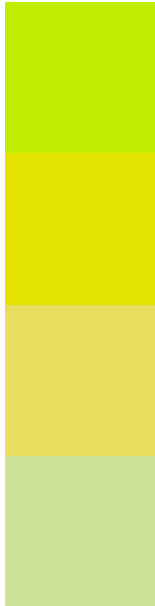
Protanopia
88, 87.827, 95.171

Deuteranopia
88, 36.951, 80.469



Tritanopia
88, 9.664, 276.531

Trichromacy



Original Color
88, 93.769, 114.089

Protanomaly
88, 88.752, 102.575

Deuteranomaly
87, 62.725, 100.627

Tritanomaly
87, 38.795, 118.681

Monochromacy



Original Color
88, 93.769, 114.089

Achromatopsia
80, 0.010, 296.813

Achromatomaly
82, 44.768, 114.632

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 93.845, 114.075 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(193, 237, 1)` looks like.

```
.text, #text, p{  
    color:rgb(193, 237, 1)  
}
```

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(193, 237, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 237, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 93.845, 114.075 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(193, 237, 1) }
```

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

```
.border{ border-color:rgb(193, 237, 1) }
```

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

Here you see how a box with a 4 pixel rgb(193, 237, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 237, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 237, 1);  
box-shadow:4px 4px 4px 4px rgb(193, 237,  
1) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 93.845, 114.075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 237, 1) }
```

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

```
.background{ background-color: rgb(193,  
237, 1) }
```

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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