

Converting Colors

CIELCh(95, 97.713, 110.086)

Have a look what the booklet for
CIELCh(95, 97.713, 110.086)
contains.

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Color

CIELCh(95, 97.749, 110.165)

Conversions

Conversions Part 1

Format	Color
Hex	E1FF02
RGB	225, 255, 2
RGB Percent	88%, 100%, 1%
CMY	0.1172, 0.0000, 0.9903
CMYK	0.12, 0.00, 0.99, 0.00
HSL	67°, 100%, 50%
HSV	67°, 99%, 100%
XYZ	66.8931, 87.6183, 13.4566
YIQ	217.1880, 63.3330, -85.0430

Conversions

Conversions Part 2

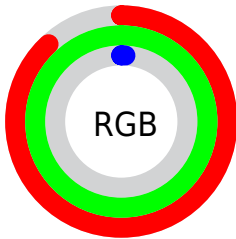
Format	Color
R _Y B	2, 255, 32
Decimal	14810882
CIE Lab	95.00, -33.70, 91.76
CIE LCh	95, 97.749, 110.165
Yxy	87.6183, 0.3982, 0.5216
Android (android.graphics.Color)	4293000962 (0xFFE1FF02)
YUV	217.1880, -106.0877, 6.8511
Hunter-Lab	93.6047, -36.2459, 56.9997

Details

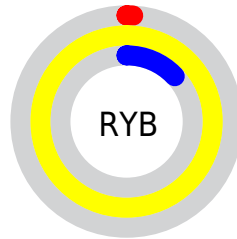
The CIELCh color **95, 97.749, 110.165** is a light color, and the websafe version is hex **CCFF00**. The color can be described as light saturated yellow. A complement of this color would be **33, 132.635, 306.586**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 75.617, 104.403**, and **75, 81.612, 112.890** is the 20% darker color. If you saturate the color by 10%, you get **95, 97.897, 110.189**, and if you desaturate by 10%, it is **95, 95.156, 109.750**.

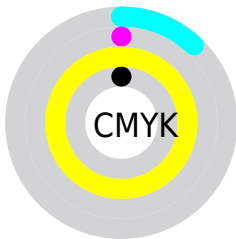
Distribution



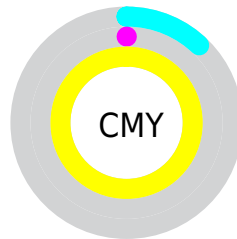
- Red (88%)
- Green (100%)
- Blue (1%)



- Red (1%)
- Yellow (100%)
- Blue (13%)



- Cyan (12%)
- Magenta (0%)
- Yellow (99%)
- Black (0%)





- Cyan (12%)
- Magenta (0%)
- Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 97.749, 110.165 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 95, 97.749, 110.165 by changing the saturation by 10% instead.


 95, 97.749,
110.165


 95, 97.749,
110.165


 100, 97.749,
110.165


 85, 97.749,
110.165

 75, 97.749,
110.165

 65, 97.749,
110.165

 55, 97.749,
110.165

 45, 97.749,
110.165

 35, 97.749,
110.165

 25, 97.749,

110.165

■ 15, 97.749,
110.165

■ 5, 97.749, 110.165

■ 95, 97.749,
110.165

■ 95, 97.749,
110.165

■ 95, 97.897,
110.189

■ 95, 95.156,
109.750

■ 95, 89.990,
109.680

■ 96, 82.293,
109.914

■ 96, 72.638,
110.380

■ 97, 61.631,
111.006

■ 97, 49.752,
111.730

■ 98, 37.336,
112.509

■ 99, 24.605,
113.311

■ 99, 11.702,
114.112

Harmonies

Complementary

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



95, 97.749, 110.165



33, 132.635, 306.586

Rectangle

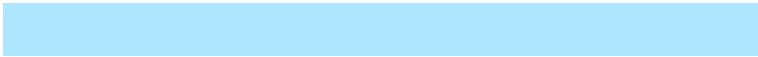
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 97.749, 110.165



95, 97.749, 160.165



95, 97.749, 290.165



95, 97.749, 340.165

Sweetspot

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



95, 97.710, 110.143



98, 38.563, 112.432



54, 102.046, 41.055



52, 26.219, 112.100



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



95, 97.710, 110.143



95, 97.897, 110.189



89, 113.027, 131.578



53, 7.371, 114.074



73, 78.825, 110.067



25, 35.745, 109.470

Inverse Universe

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



33, 132.635, 306.586



33, 133.095, 306.621



45, 121.571, 314.730



49, 7.535, 295.626



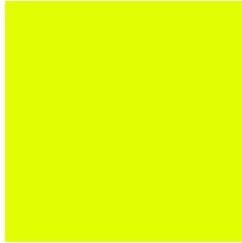
24, 107.075, 306.694



4, 44.398, 304.055

Previews

White Background



This preview shows how the CIELCh color 95, 97.749, 110.165 looks on a white background.

Color Contrast Check

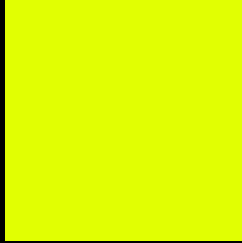
Large Text (above 18pt) WCAG AA × Fail

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 95, 97.749, 110.165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

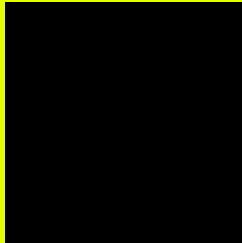
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 97.749, 110.165

Background



This preview shows how black text looks on a background with the CIELCh color 95, 97.749, 110.165.

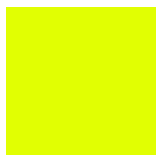


This preview shows how white text looks on a background with the CIELCh color 95, 97.749, 110.165.

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](#).

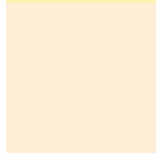
Dichromacy



Original Color
95, 97.749, 110.165



Protanopia
95, 31.112, 96.932

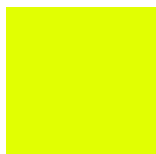


Deuteranopia
95, 12.660, 77.489

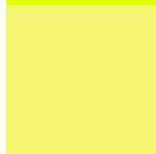


Tritanopia
95, 9.610, 305.448

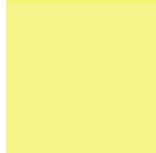
Trichromacy



Original Color
95, 97.749, 110.165



Protanomaly
94, 63.783, 105.515

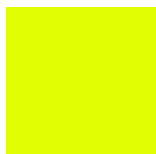


Deuteranomaly
94, 52.901, 105.992



Tritanomaly
94, 40.984, 110.785

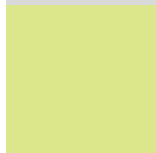
Monochromacy



Original Color
95, 97.749, 110.165



Achromatopsia
87, 0.010, 296.813



Achromatomaly
89, 46.836, 111.739

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 97.749, 110.165 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(225, 255, 2)` looks like.

```
.text, #text, p{  
    color:rgb(225, 255, 2)  
}
```

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(225, 255, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 255, 2) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 97.749, 110.165 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(225, 255, 2) }
```

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

```
.border{ border-color:rgb(225, 255, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 255, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 255, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 255, 2);  
box-shadow:4px 4px 4px 4px rgb(225, 255,  
2) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 97.749, 110.165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 255, 2) }
```

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

```
.background{ background-color: rgb(225,  
255, 2) }
```

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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