

Converting Colors

CIELCh(95, 95.597, 110.764)

Have a look what the booklet for
CIELCh(95, 95.597, 110.764)
contains.

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Color

CIELCh(95, 95.540, 110.729)

Conversions

Conversions Part 1

Format	Color
Hex	E0FF1B
RGB	224, 255, 27
RGB Percent	88%, 100%, 11%
CMY	0.1207, 0.0000, 0.8923
CMYK	0.12, 0.00, 0.89, 0.00
HSL	68°, 100%, 55%
HSV	68°, 89%, 100%
XYZ	66.8391, 87.6183, 14.4537
YIQ	219.7390, 54.7120, -77.4800

Conversions

Conversions Part 2

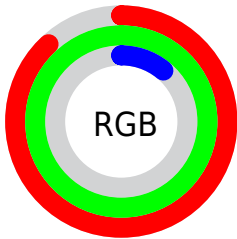
Format	Color
R _Y B	27, 255, 58
Decimal	14745371
CIE Lab	95.00, -33.82, 89.36
CIE LCh	95, 95.540, 110.729
Yxy	87.6183, 0.3957, 0.5187
Android (android.graphics.Color)	4292935451 (0xFFE0FF1B)
YUV	219.7390, -95.0203, 3.7369
Hunter-Lab	93.6047, -36.3489, 56.3682

Details

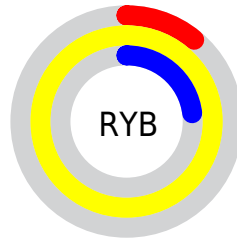
The CIELCh color **95, 95.540, 110.729** is a light color, and the websafe version is hex **CCFF00**. The color can be described as light washed yellow. A complement of this color would be **36, 126.474, 306.334**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 72.857, 104.610**, and **75, 81.699, 113.177** is the 20% darker color. If you saturate the color by 10%, you get **95, 98.027, 111.156**, and if you desaturate by 10%, it is **95, 90.308, 110.553**.

Distribution



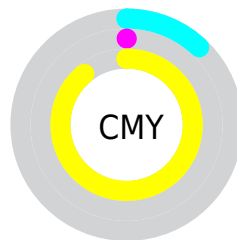
- Red (88%)
- Green (100%)
- Blue (11%)



- Red (11%)
- Yellow (100%)
- Blue (23%)



- Cyan (12%)
- Magenta (0%)
- Yellow (89%)
- Black (0%)





- Cyan (12%)
- Magenta (0%)
- Yellow (89%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 95.540, 110.729 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, 95.540, 110.729 by changing the saturation by 10% instead.

 95, 95.540,
110.729


 95, 95.540,
110.729


 100, 95.540,
110.729


 85, 95.540,
110.729

 75, 95.540,
110.729

 65, 95.540,
110.729

 55, 95.540,
110.729

 45, 95.540,
110.729

 35, 95.540,
110.729

 25, 95.540,

110.729

■ 15, 95.540,
110.729

■ 5, 95.540, 110.729

■ 95, 95.540,
110.729

■ 95, 95.540,
110.729

■ 95, 98.027,
111.156

■ 95, 90.308,
110.553

■ 95, 98.180,
111.197

■ 96, 82.621,
110.740

■ 96, 72.969,
111.171

■ 97, 61.958,
111.767

■ 97, 50.070,
112.465

■ 98, 37.642,
113.221

■ 98, 24.897,
113.999

■ 99, 11.979,
114.778

100, 0.012,
296.813

Harmonies

Complementary

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



95, 95.540, 110.729



36, 126.474, 306.334

Rectangle

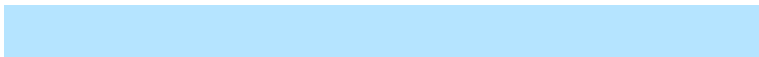
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 95.540, 110.729



95, 95.540, 160.729



95, 95.540, 290.729



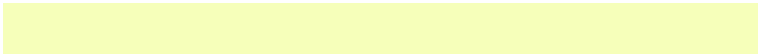
95, 95.540, 340.729

Sweetspot

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



95, 95.461, 110.685



98, 34.824, 113.393



56, 94.141, 40.617



52, 23.411, 113.129



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, 95.461, 110.685



95, 98.180, 111.197



89, 109.386, 131.072



53, 7.380, 114.757



73, 79.046, 111.060



25, 35.817, 110.370

Inverse Universe

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



36, 126.474, 306.334



33, 132.919, 306.704



48, 117.083, 315.873



49, 7.543, 296.260



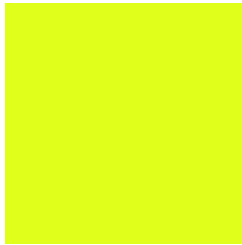
24, 106.921, 306.786



4, 44.432, 304.362

Previews

White Background



This preview shows how the CIELCh color 95, 95.540, 110.729 looks on a white background.

Color Contrast Check

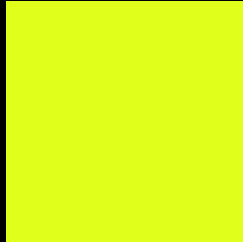
Large Text (above 18pt) WCAG AA × Fail

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, 95.540, 110.729 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, 95.540, 110.729

Background



This preview shows how black text looks on a background with the CIELCh color 95, 95.540, 110.729.



This preview shows how white text looks on a background with the CIELCh color 95, 95.540, 110.729.

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, 95.540, 110.729



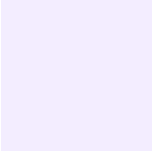
Protanopia

95, 31.607, 97.050



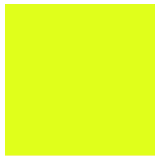
Deuteranopia

95, 12.660, 77.489

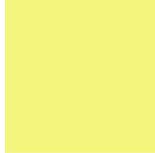


Tritanopia
95, 9.526, 303.435

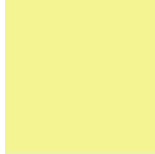
Trichromacy



Original Color
95, 95.540, 110.729



Protanomaly
94, 59.784, 105.851

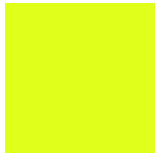


Deuteranomaly
94, 48.634, 106.331

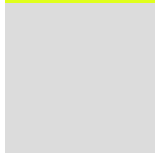


Tritanomaly
94, 36.594, 112.163

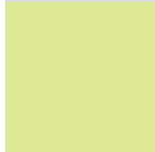
Monochromacy



Original Color
95, 95.540, 110.729



Achromatopsia
88, 0.010, 296.813



Achromatomaly
90, 42.415, 112.626

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 95.540, 110.729 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(224, 255, 27)` looks like.

```
.text, #text, p{  
    color:rgb(224, 255, 27)  
}
```

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(224, 255, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 255, 27) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 95.540, 110.729 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(224, 255, 27) }
```

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

```
.border{ border-color:rgb(224, 255, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 255, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 255, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 255, 27);  
box-shadow:4px 4px 4px 4px rgb(224, 255,  
27) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 95.540, 110.729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 255, 27) }
```

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

```
.background{ background-color: rgb(224,  
255, 27) }
```

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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