

Converting Colors

CIELCh(95, 86.987, 111.820)

Have a look what the booklet for
CIELCh(95, 86.987, 111.820)
contains.

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Color

CIELCh(95, 87.289, 111.996)

Conversions

Conversions Part 1

Format	Color
Hex	E0FF41
RGB	224, 255, 65
RGB Percent	88%, 100%, 25%
CMY	0.1222, 0.0006, 0.7458
CMYK	0.12, 0.00, 0.75, 0.00
HSL	70°, 100%, 63%
HSV	70°, 75%, 100%
XYZ	67.3468, 87.6183, 18.3357
YIQ	224.0710, 42.5140, -65.6620

Conversions

Conversions Part 2

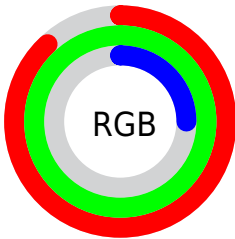
Format	Color
RYB	65, 255, 96
Decimal	14745409
CIELab	95.00, -32.69, 80.94
CIELCh	95, 87.289, 111.996
Yxy	87.6183, 0.3886, 0.5056
Android (android.graphics.Color)	4292935489 (0xFFE0FF41)
YUV	224.0710, -78.4220, -0.0623
Hunter-Lab	93.6047, -35.3808, 53.9093

Details

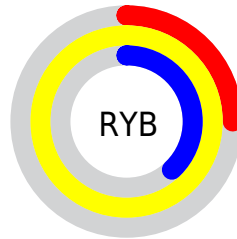
The CIELCh color **95, 87.289, 111.996** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **43, 109.145, 305.226**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 63.106, 105.348**, and **75, 81.612, 112.890** is the 20% darker color. If you saturate the color by 10%, you get **95, 93.753, 112.049**, and if you desaturate by 10%, it is **95, 78.547, 112.252**.

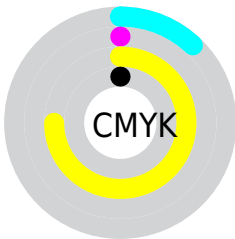
Distribution



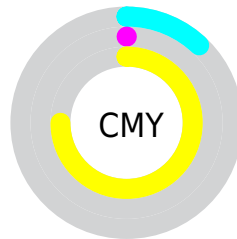
- Red (88%)
- Green (100%)
- Blue (25%)



- Red (25%)
- Yellow (100%)
- Blue (38%)



- Cyan (12%)
- Magenta (0%)
- Yellow (75%)
- Black (0%)





- Cyan (12%)
- Magenta (0%)
- Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 87.289, 111.996 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, 87.289, 111.996 by changing the saturation by 10% instead.


 95, 87.289,
111.996

 95, 87.289,
111.996

 100, 87.289,
111.996


 85, 87.289,
111.996

 75, 87.289,
111.996

 65, 87.289,
111.996

 55, 87.289,
111.996

 45, 87.289,
111.996

 35, 87.289,
111.996

 25, 87.289,

111.996

■ 15, 87.289,
111.996

■ 5, 87.289, 111.996

■ 95, 87.289,
111.996

■ 95, 87.289,
111.996

■ 95, 93.753,
112.049

■ 95, 78.547,
112.252

■ 94, 97.525,
112.473

■ 96, 68.144,
112.722

■ 94, 98.671,
112.832

■ 97, 56.632,
113.334

■ 97, 44.423,
114.026

■ 98, 31.792,
114.760

■ 99, 18.923,
115.504

■ 100, 5.933,
116.241

100, 0.106,
321.510

Harmonies

Complementary

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



95, 87.289, 111.996



43, 109.145, 305.226

Rectangle

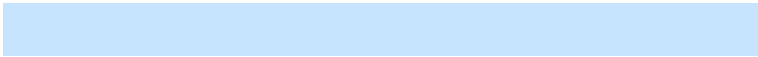
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 87.289, 111.996



95, 87.289, 161.996



95, 87.289, 291.996



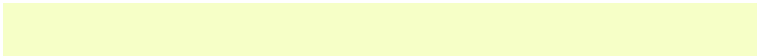
95, 87.289, 341.996

Sweetspot

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



95, 87.289, 111.998



98, 28.524, 114.950



61, 77.132, 38.999



52, 19.140, 114.748



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, 87.289, 111.998



95, 95.810, 112.189



90, 98.852, 130.981



53, 7.397, 115.879



73, 79.464, 112.671



25, 35.957, 111.834

Inverse Universe

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



43, 109.145, 305.226



36, 125.894, 306.589



54, 104.984, 316.752



49, 7.558, 297.306



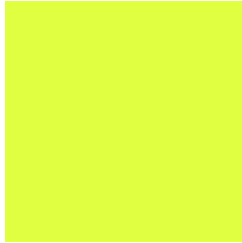
24, 106.632, 306.962



4, 44.486, 304.858

Previews

White Background



This preview shows how the CIE LCh color 95, 87.289, 111.996 looks on a white background.

Color Contrast Check

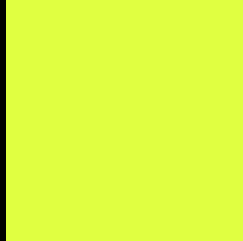
Large Text (above 18pt) WCAG AA × Fail

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, 87.289, 111.996 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, 87.289, 111.996

Background



This preview shows how black text looks on a background with the CIELCh color 95, 87.289, 111.996.



This preview shows how white text looks on a background with the CIELCh color 95, 87.289, 111.996.

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, 87.289, 111.996

Protanopia

95, 30.616, 96.808

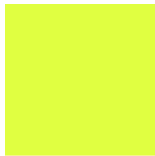
Deuteranopia

95, 12.660, 77.489



Tritanopia
95, 8.877, 299.786

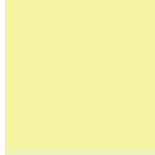
Trichromacy



Original Color
95, 87.289, 111.996



Protanomaly
94, 52.873, 106.443



Deuteranomaly
94, 41.398, 106.352

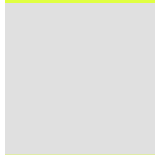


Tritanomaly
94, 29.690, 114.486

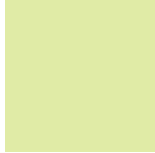
Monochromacy



Original Color
95, 87.289, 111.996



Achromatopsia
89, 0.011, 296.813



Achromatomaly
91, 35.471, 114.253

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 87.289, 111.996 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, 65)` looks like.

```
.text, #text, p{  
    color:rgb(224, 255, 65)  
}
```

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, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 255, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 87.289, 111.996 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, 65) }
```

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

```
.border{ border-color:rgb(224, 255, 65) }
```

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, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 255, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 255, 65);  
box-shadow:4px 4px 4px 4px rgb(224, 255,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 87.289, 111.996 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, 65) }
```

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

```
.background{ background-color: rgb(224,  
255, 65) }
```

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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