

Converting Colors

CIELCh(94, 95.693, 112.331)

Have a look what the booklet for
CIELCh(94, 95.693, 112.331)
contains.

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Color

CIELCh(94, 95.869, 112.406)

Conversions

Conversions Part 1

Format	Color
Hex	D8FE19
RGB	216, 254, 25
RGB Percent	85%, 100%, 10%
CMY	0.1544, 0.0053, 0.9010
CMYK	0.15, 0.00, 0.90, 0.01
HSL	70°, 99%, 55%
HSV	70°, 90%, 99%
XYZ	63.7159, 85.2715, 14.0327
YIQ	216.5320, 50.8610, -79.2750

Conversions

Conversions Part 2

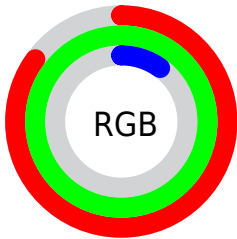
Format	Color
R _Y B	25, 254, 63
Decimal	14220825
CIE Lab	94.00, -36.54, 88.63
CIE LCh	94, 95.869, 112.406
Yxy	85.2715, 0.3908, 0.5231
Android (android.graphics.Color)	4292410905 (0xFFD8FE19)
YUV	216.5320, -94.4253, -0.4666
Hunter-Lab	92.3426, -38.4355, 55.6299

Details

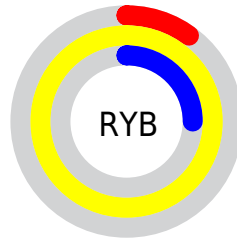
The CIELCh color **94, 95.869, 112.406** is a light color, and the websafe version is hex **CCFF00**. The color can be described as light washed yellow. A complement of this color would be **36, 126.194, 306.674**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 73.258, 104.580**, and **74, 82.072, 115.199** is the 20% darker color. If you saturate the color by 10%, you get **94, 98.387, 113.018**, and if you desaturate by 10%, it is **94, 90.864, 112.148**.

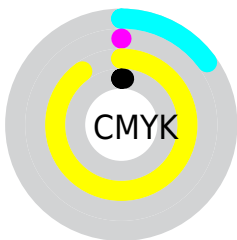
Distribution



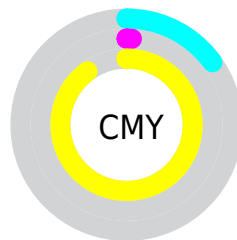
- Red (85%)
- Green (100%)
- Blue (10%)



- Red (10%)
- Yellow (100%)
- Blue (25%)



- Cyan (15%)
- Magenta (0%)
- Yellow (90%)
- Black (1%)




- Cyan (15%)
- Magenta (1%)
- Yellow (90%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 94, 95.869, 112.406 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 94, 95.869, 112.406 by changing the saturation by 10% instead.

 94, 95.869,
112.406

 94, 95.869,
112.406

 100, 95.869,
112.406


 84, 95.869,
112.406

 74, 95.869,
112.406

 64, 95.869,
112.406

 54, 95.869,
112.406

 44, 95.869,
112.406

 34, 95.869,
112.406

 24, 95.869,

112.406

■ 14, 95.869,
112.406

■ 4, 95.869, 112.406

■ 94, 95.869,
112.406

■ 94, 95.869,
112.406

■ 94, 98.387,
113.018

■ 94, 90.864,
112.148

■ 95, 83.316,
112.238

■ 95, 73.775,
112.595

■ 96, 62.845,
113.133

■ 96, 51.016,
113.782

■ 97, 38.630,
114.493

■ 98, 25.917,
115.230

■ 99, 13.026,
115.969

100, 0.056,
116.670

Harmonies

Complementary

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



94, 95.869, 112.406



36, 126.194, 306.674

Rectangle

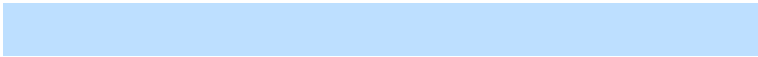
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94, 95.869, 112.406



94, 95.869, 162.406



94, 95.869, 292.406



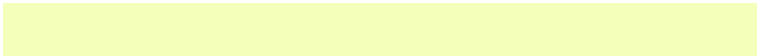
94, 95.869, 342.406

Sweetspot

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



94, 95.869, 112.408



98, 34.926, 114.716



56, 93.870, 41.263



52, 23.481, 114.466



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



94, 95.869, 112.408



94, 98.785, 113.021



89, 109.872, 131.537



53, 7.400, 116.009



73, 79.517, 112.856



25, 35.975, 112.003

Inverse Universe

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



36, 126.194, 306.674



33, 132.541, 306.887



48, 116.750, 316.314



49, 7.560, 297.427



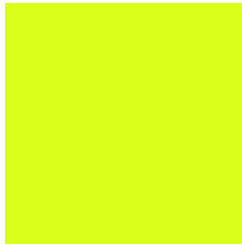
24, 106.596, 306.984



4, 44.492, 304.916

Previews

White Background



This preview shows how the CIE LCh color 94, 95.869, 112.406 looks on a white background.

Color Contrast Check

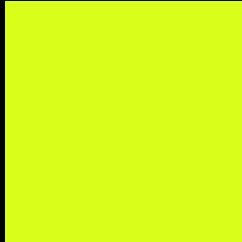
Large Text (above 18pt) WCAG AA × Fail

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 94, 95.869, 112.406 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 94, 95.869, 112.406

Background



This preview shows how black text looks on a background with the CIELCh color 94, 95.869, 112.406.



This preview shows how white text looks on a background with the CIELCh color 94, 95.869, 112.406.

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


94, 96.000, 112.385

Protanopia

94, 38.813, 96.474

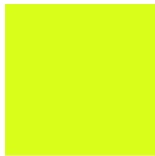
Deuteranopia

94, 15.516, 78.555

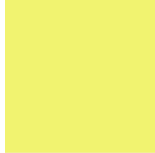


Tritanopia
94, 9.281, 288.794

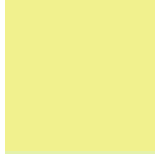
Trichromacy



Original Color
94, 96.000, 112.385



Protanomaly
93, 64.266, 105.810



Deuteranomaly
93, 49.676, 106.211

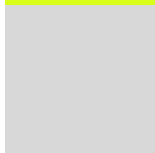


Tritanomaly
93, 36.448, 115.850

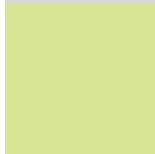
Monochromacy



Original Color
94, 96.000, 112.385



Achromatopsia
86, 0.010, 296.813



Achromatomaly
89, 42.652, 114.169

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 94, 95.869, 112.406 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(216, 254, 25)` looks like.

```
.text, #text, p{  
    color:rgb(216, 254, 25)  
}
```

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(216, 254, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 254, 25) }
```

Border

The CSS property to change the border of an element to CIELCh 94, 95.869, 112.406 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(216, 254, 25) }
```

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

```
.border{ border-color:rgb(216, 254, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 254, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 254, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 254, 25);  
box-shadow:4px 4px 4px 4px rgb(216, 254,  
25) }
```

Background

The CSS property to change the background color of an element to CIELCh 94, 95.869, 112.406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 254, 25) }
```

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

```
.background{ background-color: rgb(216,  
254, 25) }
```

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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