

Converting Colors

CIELCh(95, 84.283, 114.624)

Have a look what the booklet for
CIELCh(95, 84.283, 114.624)
contains.

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Color

CIELCh(95, 83.656, 114.283)

Conversions

Conversions Part 1

Format	Color
Hex	DBFF4F
RGB	219, 255, 79
RGB Percent	86%, 100%, 31%
CMY	0.1419, 0.0000, 0.6909
CMYK	0.14, 0.00, 0.69, 0.00
HSL	72°, 100%, 65%
HSV	72°, 69%, 100%
XYZ	66.5748, 87.6183, 20.7671
YIQ	224.1720, 35.0400, -62.3680

Conversions

Conversions Part 2

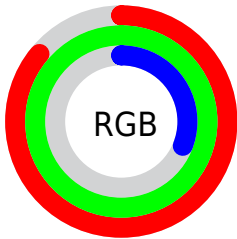
Format	Color
RYB	79, 255, 115
Decimal	14417743
CIELab	95.00, -34.40, 76.25
CIELCh	95, 83.656, 114.283
Yxy	87.6183, 0.3805, 0.5008
Android (android.graphics.Color)	4292607823 (0xFFDBFF4F)
YUV	224.1720, -71.5698, -4.5358
Hunter-Lab	93.6047, -36.8529, 52.3692

Details

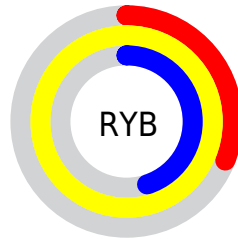
The CIELCh color **95, 83.656, 114.283** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed yellow. A complement of this color would be **48, 101.053, 305.338**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 58.151, 105.727**, and **75, 82.067, 114.310** is the 20% darker color. If you saturate the color by 10%, you get **94, 91.221, 114.081**, and if you desaturate by 10%, it is **95, 73.477, 114.433**.

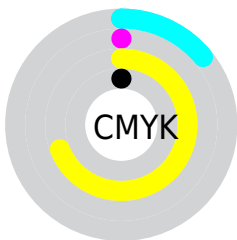
Distribution



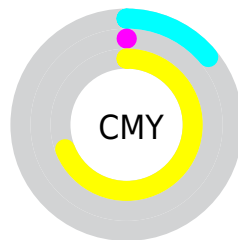
- Red (86%)
- Green (100%)
- Blue (31%)



- Red (31%)
- Yellow (100%)
- Blue (45%)



- Cyan (14%)
- Magenta (0%)
- Yellow (69%)
- Black (0%)





- Cyan (14%)
- Magenta (0%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 83.656, 114.283 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, 83.656, 114.283 by changing the saturation by 10% instead.


 95, 83.656,
114.283


 95, 83.656,
114.283


 100, 83.656,
114.283


 85, 83.656,
114.283

 75, 83.656,
114.283

 65, 83.656,
114.283

 55, 83.656,
114.283

 45, 83.656,
114.283

 35, 83.656,
114.283

 25, 83.656,

114.283

■ 15, 83.656,
114.283

■ 5, 83.656, 114.283

■ 95, 83.656,
114.283

■ 95, 83.656,
114.283

■ 94, 91.221,
114.081

■ 95, 73.477,
114.433

■ 94, 96.634,
114.415

■ 96, 62.311,
114.931

■ 94, 99.476,
115.148

■ 97, 50.289,
115.540

■ 94, 99.681,
115.223

■ 97, 37.742,
116.208

■ 98, 24.888,
116.899

■ 99, 11.872,
117.590

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, 83.656, 114.283



48, 101.053, 305.338

Rectangle

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



95, 83.656, 114.283



95, 83.656, 164.283



95, 83.656, 294.283



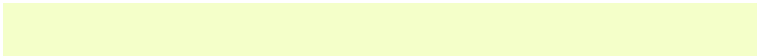
95, 83.656, 344.283

Sweetspot

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



95, 83.313, 114.119



98, 27.365, 116.766



65, 68.588, 41.361



52, 18.499, 116.575



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, 83.313, 114.119



94, 93.661, 114.163



90, 94.784, 132.354



53, 7.429, 117.561



72, 80.217, 115.028



25, 36.216, 113.992

Inverse Universe

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



48, 101.053, 305.338



40, 119.338, 306.719



57, 98.997, 318.251



49, 7.586, 298.879



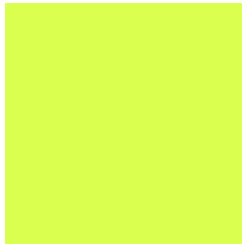
24, 106.113, 307.288



4, 44.569, 305.654

Previews

White Background



This preview shows how the CIELCh color 95, 83.656, 114.283 looks on a white background.

Color Contrast Check

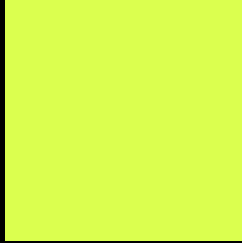
Large Text (above 18pt) WCAG AA × Fail

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, 83.656, 114.283 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, 83.656, 114.283

Background



This preview shows how black text looks on a background with the CIELCh color 95, 83.656, 114.283.

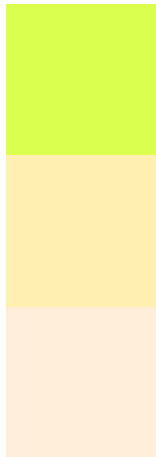


This preview shows how white text looks on a background with the CIELCh color 95, 83.656, 114.283.

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, 83.242, 114.079

Protanopia

95, 32.597, 97.271

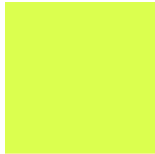
Deuteranopia

95, 13.104, 78.595

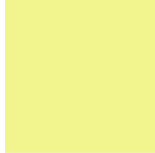


Tritanopia
95, 8.752, 290.864

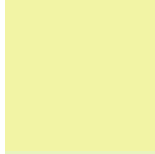
Trichromacy



Original Color
95, 83.242, 114.079



Protanomaly
94, 51.944, 107.409

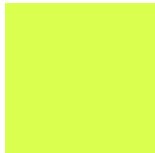


Deuteranomaly
94, 39.907, 108.154

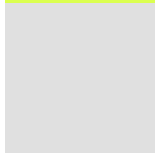


Tritanomaly
94, 27.446, 118.346

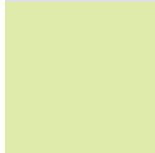
Monochromacy



Original Color
95, 83.242, 114.079



Achromatopsia
89, 0.011, 296.813



Achromatomaly
91, 33.106, 116.248

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 83.656, 114.283 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(219, 255, 79)` looks like.

```
.text, #text, p{  
    color:rgb(219, 255, 79)  
}
```

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(219, 255, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 255, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 83.656, 114.283 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(219, 255, 79) }
```

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

```
.border{ border-color:rgb(219, 255, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 255, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 255, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 255, 79);  
box-shadow:4px 4px 4px 4px rgb(219, 255,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 83.656, 114.283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 255, 79) }
```

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

```
.background{ background-color: rgb(219,  
255, 79) }
```

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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