

Converting Colors

CIELCh(95, 81.451, 114.890)

Have a look what the booklet for
CIELCh(95, 81.451, 114.890)
contains.

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Color

CIELCh(95, 81.251, 114.742)

Conversions

Conversions Part 1

Format	Color
Hex	DBFF56
RGB	219, 255, 86
RGB Percent	86%, 100%, 34%
CMY	0.1424, 0.0000, 0.6640
CMYK	0.14, 0.00, 0.66, 0.00
HSL	73°, 100%, 67%
HSV	73°, 66%, 100%
XYZ	66.7535, 87.6183, 22.1283
YIQ	224.9700, 32.7930, -60.1910

Conversions

Conversions Part 2

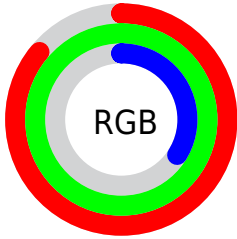
Format	Color
R _Y B	86, 255, 122
Decimal	14417750
CIE Lab	95.00, -34.01, 73.79
CIE LCh	95, 81.251, 114.742
Yxy	87.6183, 0.3782, 0.4964
Android (android.graphics.Color)	4292607830 (0xFFDBFF56)
YUV	224.9700, -68.5122, -5.2357
Hunter-Lab	93.6047, -36.5122, 51.5070

Details

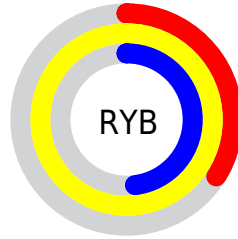
The CIELCh color **95, 81.251, 114.742** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted yellow. A complement of this color would be **49, 97.041, 305.212**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 55.386, 105.939**, and **75, 80.767, 114.595** is the 20% darker color. If you saturate the color by 10%, you get **94, 89.472, 114.499**, and if you desaturate by 10%, it is **95, 70.686, 114.962**.

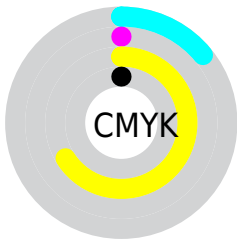
Distribution



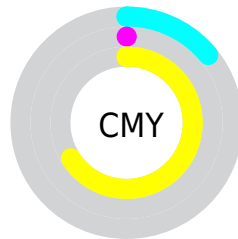
- Red (86%)
- Green (100%)
- Blue (34%)



- Red (34%)
- Yellow (100%)
- Blue (48%)



- Cyan (14%)
- Magenta (0%)
- Yellow (66%)
- Black (0%)





- Cyan (14%)
- Magenta (0%)
- Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 81.251, 114.742 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, 81.251, 114.742 by changing the saturation by 10% instead.


 95, 81.251,
114.742


 95, 81.251,
114.742


 100, 81.251,
114.742


 85, 81.251,
114.742

 75, 81.251,
114.742

 65, 81.251,
114.742

 55, 81.251,
114.742

 45, 81.251,
114.742

 35, 81.251,
114.742

 25, 81.251,

114.742

■ 15, 81.251,
114.742

■ 5, 81.251, 114.742

■ 95, 81.251,
114.742

■ 95, 81.251,
114.742

■ 94, 89.472,
114.499

■ 95, 70.686,
114.962

■ 94, 95.629,
114.747

■ 96, 59.229,
115.485

■ 94, 99.096,
115.417

■ 97, 47.020,
116.104

■ 93, 99.911,
115.725

■ 98, 34.355,
116.771

■ 98, 21.429,
117.453

■ 99, 8.373, 118.131

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, 81.251, 114.742



49, 97.041, 305.212

Rectangle

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



95, 81.251, 114.742



95, 81.251, 164.742



95, 81.251, 294.742



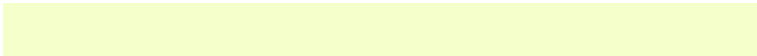
95, 81.251, 344.742

Sweetspot

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



95, 80.957, 114.604



98, 26.101, 117.207



66, 65.377, 41.106



52, 17.787, 117.015



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, 80.957, 114.604



94, 91.987, 114.542



91, 91.859, 132.428



53, 7.437, 117.922



72, 80.398, 115.524



25, 36.279, 114.449

Inverse Universe

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



49, 97.041, 305.212



41, 115.733, 306.623



59, 95.895, 318.227



49, 7.592, 299.218



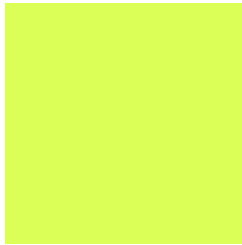
24, 105.988, 307.368



4, 44.587, 305.836

Previews

White Background



This preview shows how the CIELCh color 95, 81.251, 114.742 looks on a white background.

Color Contrast Check

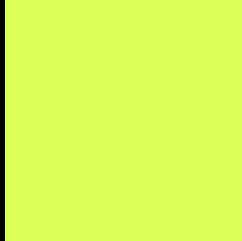
Large Text (above 18pt) WCAG AA × Fail

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, 81.251, 114.742 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, 81.251, 114.742

Background



This preview shows how black text looks on a background with the CIELCh color 95, 81.251, 114.742.

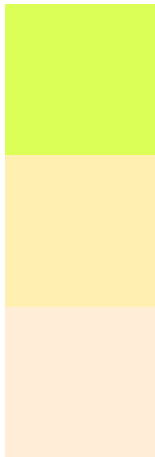


This preview shows how white text looks on a background with the CIELCh color 95, 81.251, 114.742.

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, 80.816, 114.537

Protanopia

95, 32.102, 97.163

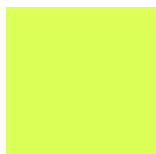
Deuteranopia

95, 13.104, 78.595

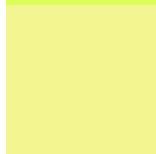


Tritanopia
95, 8.249, 286.057

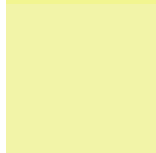
Trichromacy



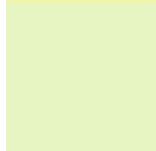
Original Color
95, 80.816, 114.537



Protanomaly
94, 50.526, 107.555

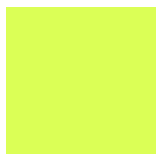


Deuteranomaly
94, 38.431, 108.311

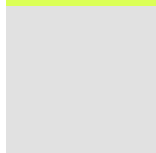


Tritanomaly
94, 27.088, 120.109

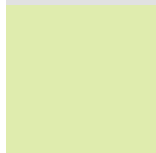
Monochromacy



Original Color
95, 80.816, 114.537



Achromatopsia
90, 0.011, 296.813



Achromatomaly
91, 32.089, 116.586

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 81.251, 114.742 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, 86)` looks like.

```
.text, #text, p{  
    color:rgb(219, 255, 86)  
}
```

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, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 255, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 81.251, 114.742 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, 86) }
```

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

```
.border{ border-color:rgb(219, 255, 86) }
```

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, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 255, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 255, 86);  
box-shadow:4px 4px 4px 4px rgb(219, 255,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 81.251, 114.742 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, 86) }
```

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

```
.background{ background-color: rgb(219,  
255, 86) }
```

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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