

Converting Colors

CIELCh(100, 66.769, 126.665)

Have a look what the booklet for
CIELCh(100, 66.769, 126.665)
contains.

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Color

CIELCh(95, 56.847, 123.470)

Conversions

Conversions Part 1

Format	Color
Hex	D3FF92
RGB	211, 255, 146
RGB Percent	83%, 100%, 57%
CMY	0.1717, 0.0000, 0.4267
CMYK	0.17, 0.00, 0.43, 0.00
HSL	84°, 100%, 79%
HSV	84°, 43%, 100%
XYZ	67.9570, 87.6183, 40.6056
YIQ	229.4180, 8.7650, -43.2270

Conversions

Conversions Part 2

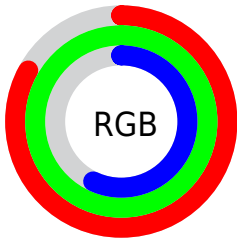
Format	Color
RYB	146, 255, 190
Decimal	13893522
CIELab	95.00, -31.35, 47.42
CIElCh	95, 56.847, 123.470
Yxy	87.6183, 0.3464, 0.4466
Android (android.graphics.Color)	4292083602 (0xFFD3FF92)
YUV	229.4180, -41.1251, -16.1526
Hunter-Lab	93.6047, -34.2172, 39.8033

Details

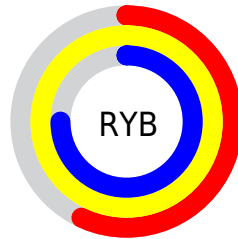
The CIELCh color **95, 56.847, 123.470** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **69, 61.321, 308.163**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 27.235, 108.110**, and **75, 56.783, 123.297** is the 20% darker color. If you saturate the color by 10%, you get **94, 69.081, 123.008**, and if you desaturate by 10%, it is **96, 43.789, 123.922**.

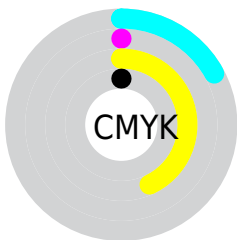
Distribution



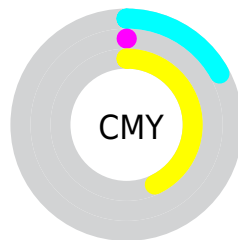
- Red (83%)
- Green (100%)
- Blue (57%)



- Red (57%)
- Yellow (100%)
- Blue (75%)



- Cyan (17%)
- Magenta (0%)
- Yellow (43%)
- Black (0%)





- Cyan (17%)
- Magenta (0%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 56.847, 123.470 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, 56.847, 123.470 by changing the saturation by 10% instead.


 95, 56.847,
123.470


 95, 56.847,
123.470


 100, 56.847,
123.470


 85, 56.847,
123.470

 75, 56.847,
123.470

 65, 56.847,
123.470

 55, 56.847,
123.470

 45, 56.847,
123.470

 35, 56.847,
123.470

 25, 56.847,

123.470

■ 15, 56.847,
123.470

■ 5, 56.847, 123.470

■ 95, 56.847,
123.470

■ 95, 56.847,
123.470

■ 94, 69.081,
123.008

■ 96, 43.789,
123.922

■ 93, 80.469,
122.734

■ 97, 30.511,
124.444

■ 92, 90.382,
122.707

■ 98, 17.069,
124.967

■ 92, 98.217,
123.054

■ 100, 3.581,
125.490

■ 91, 103.495,
123.885

100, 0.012,
296.813

■ 91, 105.916,
124.768

Harmonies

Complementary

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



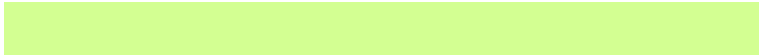
95, 56.847, 123.470



69, 61.321, 308.163

Rectangle

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



95, 56.847, 123.470



95, 56.847, 173.470



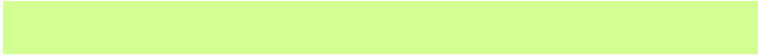
95, 56.847, 303.470



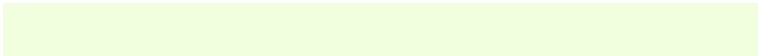
95, 56.847, 353.470

Sweetspot

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



95, 56.731, 123.428



98, 17.520, 124.949



82, 36.084, 59.656



52, 12.259, 124.835



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

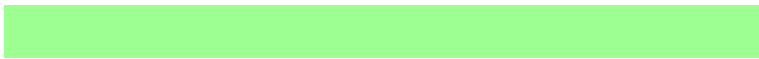
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 56.731, 123.428



94, 67.079, 123.070



92, 65.448, 138.866



53, 7.660, 125.130



70, 85.111, 124.485



24, 38.007, 122.933

Inverse Universe

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



69, 61.321, 308.163



63, 73.848, 308.744



74, 65.859, 323.738



49, 7.788, 306.067



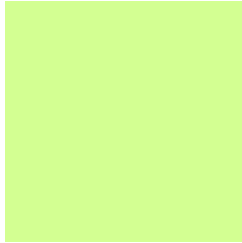
28, 102.623, 309.885



5, 44.898, 310.256

Previews

White Background



This preview shows how the CIELCh color 95, 56.847, 123.470 looks on a white background.

Color Contrast Check

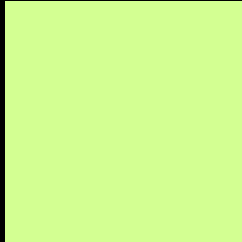
Large Text (above 18pt) WCAG AA × Fail

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, 56.847, 123.470 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, 56.847, 123.470

Background



This preview shows how black text looks on a background with the CIELCh color 95, 56.847, 123.470.

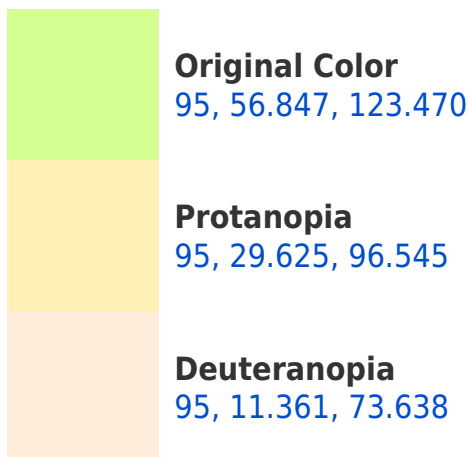


This preview shows how white text looks on a background with the CIELCh color 95, 56.847, 123.470.

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



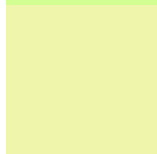


Tritanopia
95, 7.901, 265.189

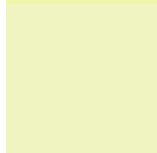
Trichromacy



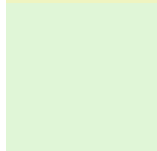
Original Color
95, 56.847, 123.470



Protanomaly
95, 37.984, 110.719



Deuteranomaly
95, 26.027, 112.308

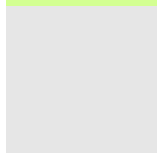


Tritanomaly
95, 17.811, 135.492

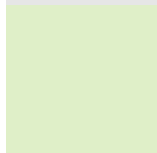
Monochromacy



Original Color
95, 56.847, 123.470



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 20.897, 125.070

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 56.847, 123.470 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(211, 255, 146)` looks like.

```
.text, #text, p{  
    color:rgb(211, 255, 146)  
}
```

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(211, 255, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 255, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 56.847, 123.470 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(211, 255, 146) }
```

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

```
.border{ border-color:rgb(211, 255, 146) }
```

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

Here you see how a box with a 4 pixel rgb(211, 255, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 255, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 255, 146);  
box-shadow:4px 4px 4px 4px rgb(211, 255,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 56.847, 123.470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 255, 146) }
```

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

```
.background{ background-color: rgb(211,  
255, 146) }
```

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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