

Converting Colors

CIELCh(100, 67.333, 126.191)

Have a look what the booklet for
CIELCh(100, 67.333, 126.191)
contains.

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Color

CIELCh(95, 57.175, 122.958)

Conversions

Conversions Part 1	
Format	Color
Hex	D4FF91
RGB	212, 255, 145
RGB Percent	83%, 100%, 57%
CMY	0.1684, 0.0000, 0.4311
CMYK	0.17, 0.00, 0.43, 0.00
HSL	83°, 100%, 78%
HSV	83°, 43%, 100%
XYZ	68.0695, 87.6183, 40.1391
YIQ	229.6030, 9.6820, -43.3260

Conversions

Conversions Part 2

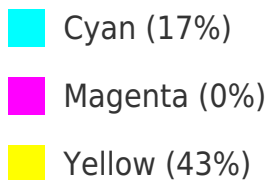
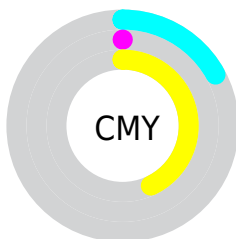
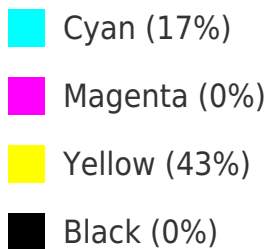
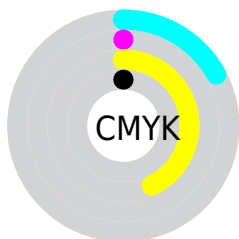
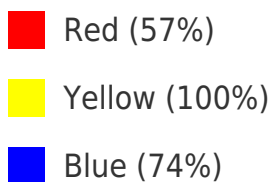
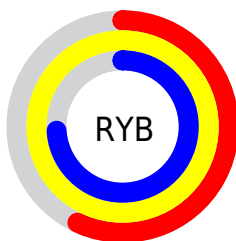
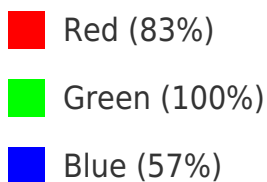
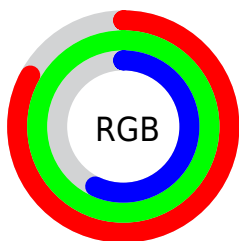
Format	Color
RYB	145, 255, 188
Decimal	13959057
CIELab	95.00, -31.10, 47.97
CIELCh	95, 57.175, 122.958
Yxy	87.6183, 0.3476, 0.4474
Android (android.graphics.Color)	4292149137 (0xFFD4FF91)
YUV	229.6030, -41.7093, -15.4378
Hunter-Lab	93.6047, -34.0027, 40.0988

Details

The CIELCh color **95, 57.175, 122.958** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **68, 61.930, 307.820**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 27.734, 108.071**, and **75, 57.090, 122.762** is the 20% darker color. If you saturate the color by 10%, you get **94, 69.410, 122.525**, and if you desaturate by 10%, it is **96, 44.256, 123.441**.


Distribution





Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 57.175, 122.958 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, 57.175, 122.958 by changing the saturation by 10% instead.


 95, 57.175,
122.958


 95, 57.175,
122.958


 100, 57.175,
122.958


 85, 57.175,
122.958

 75, 57.175,
122.958

 65, 57.175,
122.958


 55, 57.175,
122.958


 45, 57.175,
122.958

 35, 57.175,
122.958

 25, 57.175,

122.958

 15, 57.175,
122.958


 5, 57.175, 122.958


 95, 57.175,
122.958


 95, 57.175,
122.958

 94, 69.410,
122.525


 96, 44.256,
123.441


 93, 80.699,
122.255

 97, 31.028,
123.969

 93, 90.486,
122.238

 98, 17.627,
124.499

 92, 98.166,
122.599

 100, 4.171,
125.026

■ 91, 103.275,
123.446

100, 0.012,
296.813

■ 91, 105.489,
124.275

Harmonies

Complementary

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



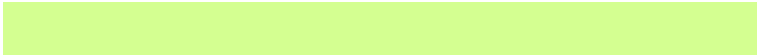
95, 57.175, 122.958



68, 61.930, 307.820

Rectangle

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



95, 57.175, 122.958



95, 57.175, 172.958



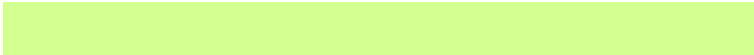
95, 57.175, 302.958



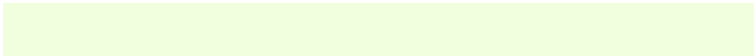
95, 57.175, 352.958

Sweetspot

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



95, 57.136, 122.944



98, 17.478, 124.504



81, 36.523, 57.867



52, 12.230, 124.388



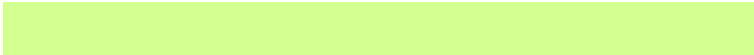
0, 0.000, 0.000



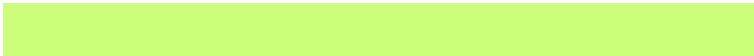
53, 0.007, 296.813

Same Dimension

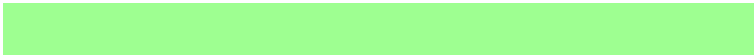
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 57.136, 122.944



94, 68.088, 122.565



92, 65.765, 138.433



53, 7.642, 124.687



70, 84.774, 123.994



24, 37.878, 122.453

Inverse Universe

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



68, 61.930, 307.820



62, 75.306, 308.460



74, 66.296, 323.251



49, 7.772, 305.642



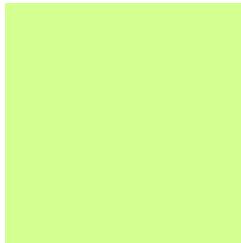
27, 102.870, 309.674



5, 44.887, 309.946

Previews

White Background



This preview shows how the CIE LCh color 95, 57.175, 122.958 looks on a white background.

Color Contrast Check

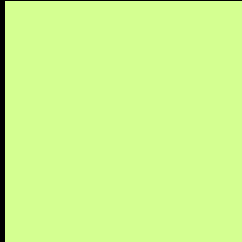
Large Text (above 18pt) WCAG AA × Fail

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, 57.175, 122.958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

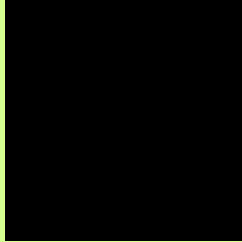
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

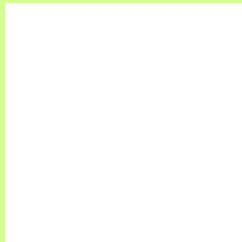
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 57.175, 122.958

Background



This preview shows how black text looks on a background with the CIELCh color 95, 57.175, 122.958.

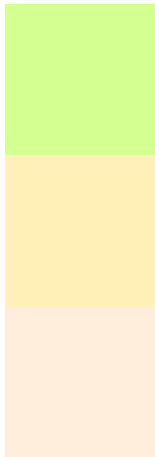


This preview shows how white text looks on a background with the CIELCh color 95, 57.175, 122.958.

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, 57.175, 122.958

Protanopia

95, 29.129, 96.405

Deuteranopia

95, 10.942, 72.148

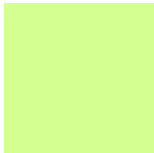
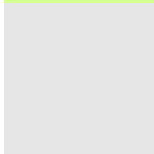
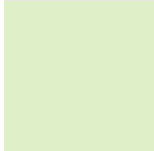


Tritanopia
95, 7.901, 265.189

Trichromacy

	Original Color 95, 57.175, 122.958
	Protanomaly 95, 37.984, 110.719
	Deuteranomaly 95, 26.027, 112.308
	Tritanomaly 95, 17.811, 135.492

Monochromacy

	Original Color 95, 57.175, 122.958
	Achromatopsia 91, 0.011, 296.813
	Achromatomaly 92, 21.387, 124.666

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 57.175, 122.958 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(212, 255, 145)` looks like.

```
.text, #text, p{  
    color:rgb(212, 255, 145)  
}
```


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(212, 255, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 255, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 57.175, 122.958 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(212, 255, 145) }
```


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

```
.border{ border-color:rgb(212, 255, 145) }
```

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

Here you see how a box with a 4 pixel rgb(212, 255, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 255, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 255, 145);  
box-shadow:4px 4px 4px 4px rgb(212, 255,  
145) }
```


Background

The CSS property to change the background color of an element to CIELCh 95, 57.175, 122.958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 255, 145) }
```

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

```
.background{ background-color: rgb(212,  
255, 145) }
```

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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