

Converting Colors

CIELCh(95, 65.759, 119.496)

Have a look what the booklet for
CIELCh(95, 65.759, 119.496)
contains.

CIELCh(95, 65.656, 119.245)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(95, 65.656, 119.245)

Conversions

Conversions Part 1

Format	Color
Hex	D7FF7D
RGB	215, 255, 125
RGB Percent	84%, 100%, 49%
CMY	0.1560, 0.0000, 0.5090
CMYK	0.16, 0.00, 0.51, 0.00
HSL	78°, 100%, 75%
HSV	78°, 51%, 100%
XYZ	67.6270, 87.6183, 32.8154
YIQ	228.2200, 17.8900, -48.9100

Conversions

Conversions Part 2

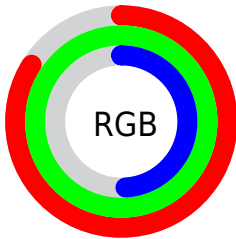
Format	Color
RYB	125, 255, 165
Decimal	14155645
CIELab	95.00, -32.08, 57.29
CIELCh	95, 65.656, 119.245
Yxy	87.6183, 0.3596, 0.4659
Android (android.graphics.Color)	4292345725 (0xFFD7FF7D)
YUV	228.2200, -50.8875, -11.5939
Hunter-Lab	93.6047, -34.8464, 44.7377

Details

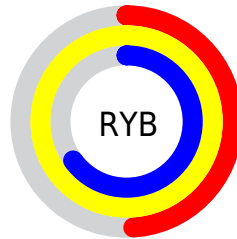
The CIELCh color **95, 65.656, 119.245** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **62, 73.425, 305.923**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **98, 37.646, 107.307**, and **75, 65.586, 119.144** is the 20% darker color. If you saturate the color by 10%, you get **94, 76.801, 118.840**, and if you desaturate by 10%, it is **96, 53.391, 119.693**.

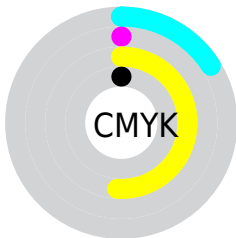
Distribution



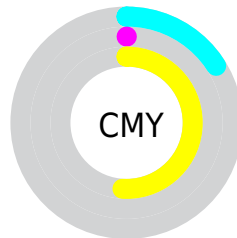
- Red (84%)
- Green (100%)
- Blue (49%)



- Red (49%)
- Yellow (100%)
- Blue (65%)



- Cyan (16%)
- Magenta (0%)
- Yellow (51%)
- Black (0%)





- Cyan (16%)
- Magenta (0%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 65.656, 119.245 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, 65.656, 119.245 by changing the saturation by 10% instead.


 95, 65.656,
119.245


 95, 65.656,
119.245


 100, 65.656,
119.245


 85, 65.656,
119.245

 75, 65.656,
119.245

 65, 65.656,
119.245

 55, 65.656,
119.245

 45, 65.656,
119.245

 35, 65.656,
119.245

 25, 65.656,

119.245

■ 15, 65.656,
119.245

■ 5, 65.656, 119.245

■ 95, 65.656,
119.245

■ 95, 65.656,
119.245

■ 94, 76.801,
118.840

■ 96, 53.391,
119.693

■ 94, 86.656,
118.700

■ 97, 40.676,
120.253

■ 93, 94.512,
118.893

■ 98, 27.641,
120.841

■ 92, 99.844,
119.528

■ 99, 14.441,
121.431

■ 92, 102.610,
120.483

100, 1.184,
122.048

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, 65.656, 119.245



62, 73.425, 305.923

Rectangle

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



95, 65.656, 119.245



95, 65.656, 169.245



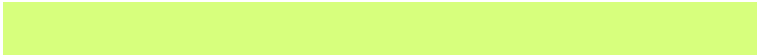
95, 65.656, 299.245



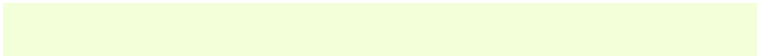
95, 65.656, 349.245

Sweetspot

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



95, 65.549, 119.201



98, 19.862, 121.190



76, 45.149, 49.027



52, 13.546, 121.066



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, 65.549, 119.201



94, 76.905, 118.837



92, 74.976, 135.797



53, 7.531, 121.512



71, 82.510, 120.229



24, 37.035, 118.839

Inverse Universe

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



62, 73.425, 305.923



54, 88.694, 306.849



68, 76.451, 320.971



49, 7.675, 302.608



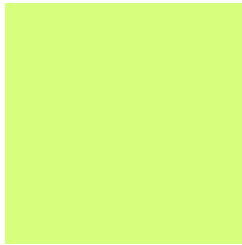
26, 104.505, 308.390



5, 44.765, 307.862

Previews

White Background



This preview shows how the CIE LCh color 95, 65.656, 119.245 looks on a white background.

Color Contrast Check

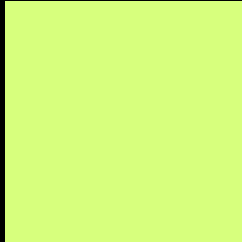
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 95, 65.656, 119.245 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, 65.656, 119.245

Background



This preview shows how black text looks on a background with the CIELCh color 95, 65.656, 119.245.

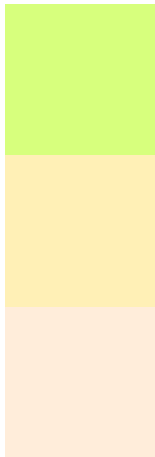


This preview shows how white text looks on a background with the CIELCh color 95, 65.656, 119.245.

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

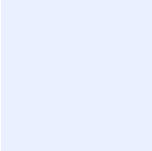
95, 65.656, 119.245

Protanopia

95, 30.121, 96.680

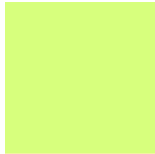
Deuteranopia

95, 11.788, 75.019

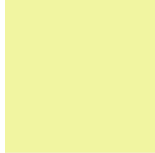


Tritanopia
95, 7.945, 275.825

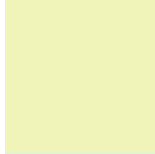
Trichromacy



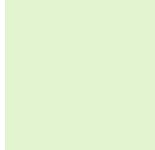
Original Color
95, 65.656, 119.245



Protanomaly
95, 42.354, 108.973



Deuteranomaly
95, 30.492, 109.942

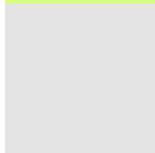


Tritanomaly
94, 20.068, 127.909

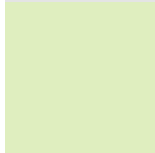
Monochromacy



Original Color
95, 65.656, 119.245



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 24.756, 121.408

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 65.656, 119.245 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(215, 255, 125)` looks like.

```
.text, #text, p{  
    color:rgb(215, 255, 125)  
}
```

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(215, 255, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 255, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 65.656, 119.245 is called "border". The border property can be set on classes, ids or directly on the HTML element.

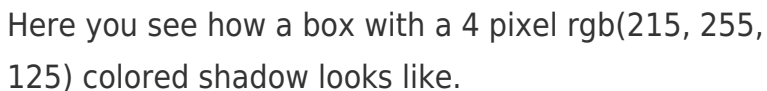
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 255, 125) }
```

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

```
.border{ border-color:rgb(215, 255, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 255, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 255, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 255, 125); box-shadow:4px 4px 4px 4px rgb(215, 255, 125) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 65.656, 119.245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 255, 125) }
```

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

```
.background{ background-color: rgb(215,  
255, 125) }
```

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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