

Converting Colors

CIELCh(95, 61.335, 123.431)

Have a look what the booklet for
CIELCh(95, 61.335, 123.431)
contains.

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Color

CIELCh(95, 60.772, 123.252)

Conversions

Conversions Part 1

Format	Color
Hex	D1FF8B
RGB	209, 255, 139
RGB Percent	82%, 100%, 55%
CMY	0.1802, 0.0000, 0.4550
CMYK	0.18, 0.00, 0.45, 0.00
HSL	84°, 100%, 77%
HSV	84°, 45%, 100%
XYZ	67.0620, 87.6183, 37.7950
YIQ	228.0220, 9.8200, -45.8280

Conversions

Conversions Part 2

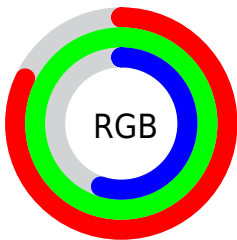
Format	Color
RYB	139, 255, 185
Decimal	13762443
CIELab	95.00, -33.32, 50.82
CIElCh	95, 60.772, 123.252
Yxy	87.6183, 0.3484, 0.4552
Android (android.graphics.Color)	4291952523 (0xFFD1FF8B)
YUV	228.0220, -43.8878, -16.6823
Hunter-Lab	93.6047, -35.9239, 41.5836

Details

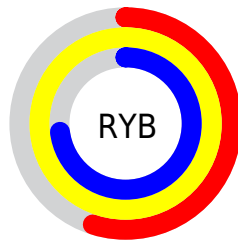
The CIELCh color **95, 60.772, 123.252** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **67, 65.552, 308.165**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 30.724, 107.841**, and **75, 60.209, 123.225** is the 20% darker color. If you saturate the color by 10%, you get **94, 72.310, 122.663**, and if you desaturate by 10%, it is **96, 47.430, 123.534**.

Distribution



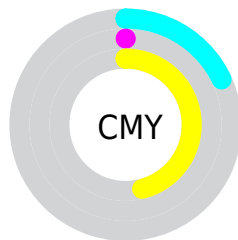
- Red (82%)
- Green (100%)
- Blue (55%)



- Red (55%)
- Yellow (100%)
- Blue (73%)



- Cyan (18%)
- Magenta (0%)
- Yellow (45%)
- Black (0%)





- Cyan (18%)
- Magenta (0%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 60.772, 123.252 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, 60.772, 123.252 by changing the saturation by 10% instead.


 95, 60.772,
123.252


 95, 60.772,
123.252


 100, 60.772,
123.252


 85, 60.772,
123.252

 75, 60.772,
123.252

 65, 60.772,
123.252

 55, 60.772,
123.252

 45, 60.772,
123.252

 35, 60.772,
123.252

 25, 60.772,

123.252

■ 15, 60.772,
123.252

■ 5, 60.772, 123.252

■ 95, 60.772,
123.252

■ 95, 60.772,
123.252

■ 94, 72.310,
122.663

■ 96, 47.430,
123.534

■ 93, 83.314,
122.445

■ 97, 34.248,
124.054

■ 92, 92.675,
122.509

■ 98, 20.858,
124.582

■ 92, 99.794,
122.981

■ 99, 7.391, 125.102

100, 0.012,

■ 91, 104.295,
123.955

296.813

■ 91, 105.688,
124.507

Harmonies

Complementary

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



95, 60.772, 123.252



67, 65.552, 308.165

Rectangle

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



95, 60.772, 123.252



95, 60.772, 173.252



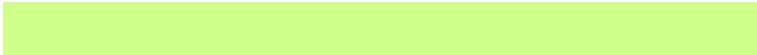
95, 60.772, 303.252



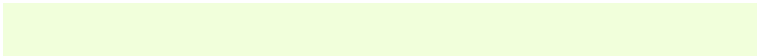
95, 60.772, 353.252

Sweetspot

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



95, 60.212, 123.052



98, 18.843, 124.661



80, 38.859, 57.671



52, 13.008, 124.548



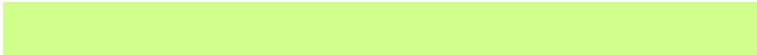
0, 0.000, 0.000



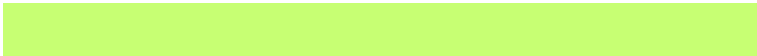
53, 0.007, 296.813

Same Dimension

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



95, 60.212, 123.052



94, 71.730, 122.679



92, 69.216, 138.235



53, 7.651, 124.894



70, 84.931, 124.225



24, 37.938, 122.678

Inverse Universe

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



67, 65.552, 308.165



60, 79.799, 308.833



73, 69.765, 323.346



49, 7.779, 305.841



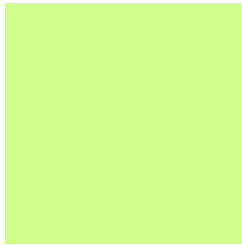
28, 102.755, 309.772



5, 44.892, 310.090

Previews

White Background



This preview shows how the CIELCh color 95, 60.772, 123.252 looks on a white background.

Color Contrast Check

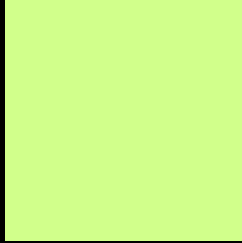
Large Text (above 18pt) WCAG AA × Fail

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, 60.772, 123.252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

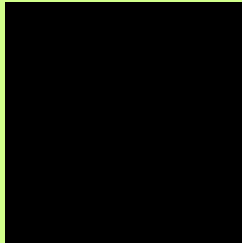
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 60.772, 123.252

Background



This preview shows how black text looks on a background with the CIELCh color 95, 60.772, 123.252.

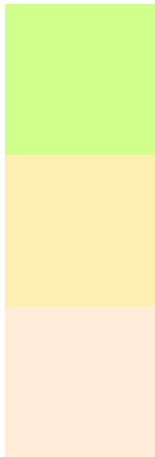


This preview shows how white text looks on a background with the CIELCh color 95, 60.772, 123.252.

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, 60.209, 123.070

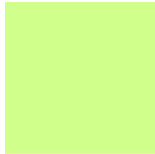
Protanopia
94, 31.709, 96.339

Deuteranopia
94, 12.015, 73.542

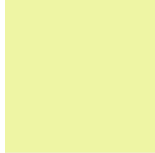


Tritanopia
95, 8.200, 260.893

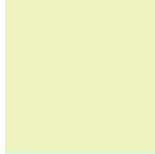
Trichromacy



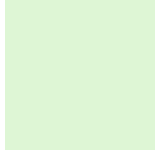
Original Color
95, 60.209, 123.070



Protanomaly
94, 40.957, 110.796

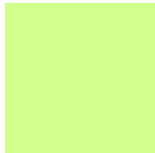


Deuteranomaly
94, 27.553, 111.968

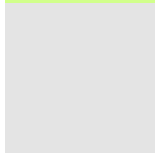


Tritanomaly
94, 19.064, 135.997

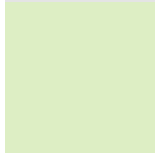
Monochromacy



Original Color
95, 60.209, 123.070



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 22.494, 124.797

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 60.772, 123.252 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(209, 255, 139)` looks like.

```
.text, #text, p{  
    color:rgb(209, 255, 139)  
}
```

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(209, 255, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 255, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 60.772, 123.252 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(209, 255, 139) }
```

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

```
.border{ border-color:rgb(209, 255, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 255, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 255, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 255, 139);  
box-shadow:4px 4px 4px 4px rgb(209, 255,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 60.772, 123.252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 255, 139) }
```

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

```
.background{ background-color: rgb(209,  
255, 139) }
```

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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