

Converting Colors

CIELCh(95, 55.704, 126.525)

Have a look what the booklet for
CIELCh(95, 55.704, 126.525)
contains.

CIELCh(95, 54.801, 126.281)	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, 54.801, 126.281)

Conversions

Conversions Part 1

Format	Color
Hex	CFFF99
RGB	207, 255, 153
RGB Percent	81%, 100%, 60%
CMY	0.1888, 0.0000, 0.4007
CMYK	0.19, 0.00, 0.40, 0.00
HSL	88°, 100%, 80%
HSV	88°, 40%, 100%
XYZ	67.4670, 87.6183, 43.4129
YIQ	229.0200, 4.1340, -41.8980

Conversions

Conversions Part 2

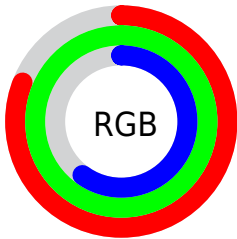
Format	Color
RYB	153, 255, 201
Decimal	13631385
CIELab	95.00, -32.43, 44.18
CIELCh	95, 54.801, 126.281
Yxy	87.6183, 0.3399, 0.4414
Android (android.graphics.Color)	4291821465 (0xFFCFFF99)
YUV	229.0200, -37.4779, -19.3115
Hunter-Lab	93.6047, -35.1515, 38.0251

Details

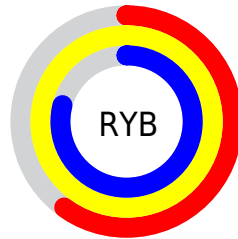
The CIELCh color **95, 54.801, 126.281** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **71, 57.829, 310.176**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 23.732, 108.378**, and **75, 54.241, 126.055** is the 20% darker color. If you saturate the color by 10%, you get **94, 67.110, 125.695**, and if you desaturate by 10%, it is **96, 41.019, 126.613**.

Distribution



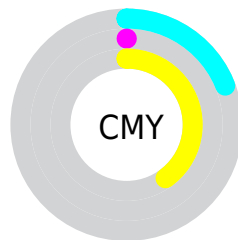
- Red (81%)
- Green (100%)
- Blue (60%)



- Red (60%)
- Yellow (100%)
- Blue (79%)



- Cyan (19%)
- Magenta (0%)
- Yellow (40%)
- Black (0%)





- Cyan (19%)
- Magenta (0%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 54.801, 126.281 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, 54.801, 126.281 by changing the saturation by 10% instead.


 95, 54.801,
126.281


 95, 54.801,
126.281


 100, 54.801,
126.281


 85, 54.801,
126.281

 75, 54.801,
126.281

 65, 54.801,
126.281

 55, 54.801,
126.281

 45, 54.801,
126.281

 35, 54.801,
126.281

 25, 54.801,

126.281

■ 15, 54.801,
126.281

■ 5, 54.801, 126.281

■ 95, 54.801,
126.281

■ 95, 54.801,
126.281

■ 94, 67.110,
125.695

■ 96, 41.019,
126.613

■ 93, 79.055,
125.381

■ 97, 27.449,
127.112

■ 92, 89.674,
125.281

■ 99, 13.767,
127.601

■ 91, 98.375,
125.522

■ 100, 0.086,
129.560

■ 91, 104.611,
126.228

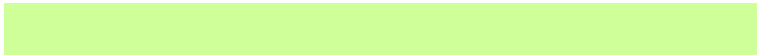
100, 0.012,
296.813

■ 90, 108.400,
127.383

Harmonies

Complementary

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



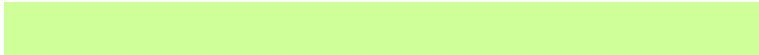
95, 54.801, 126.281



71, 57.829, 310.176

Rectangle

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



95, 54.801, 126.281



95, 54.801, 176.281



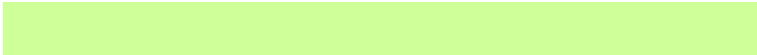
95, 54.801, 306.281



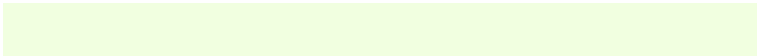
95, 54.801, 356.281

Sweetspot

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



95, 54.317, 126.128



98, 16.409, 127.508



85, 33.948, 66.933



52, 10.885, 127.445



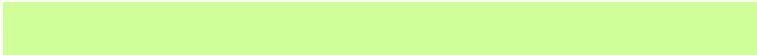
0, 0.000, 0.000



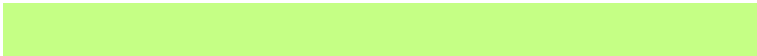
53, 0.007, 296.813

Same Dimension

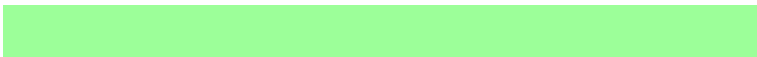
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 54.317, 126.128



94, 64.516, 125.777



92, 62.893, 140.627



53, 7.771, 127.629



70, 87.075, 127.096



24, 38.773, 125.528

Inverse Universe

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



71, 57.829, 310.176



66, 69.677, 310.638



76, 62.920, 325.618



49, 7.886, 308.486



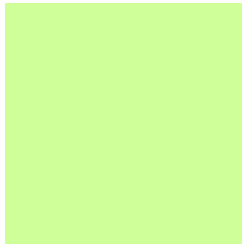
29, 101.159, 311.233



6, 44.919, 312.087

Previews

White Background



This preview shows how the CIELCh color 95, 54.801, 126.281 looks on a white background.

Color Contrast Check

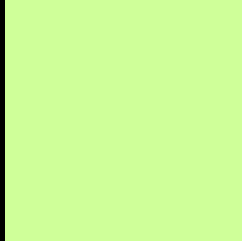
Large Text (above 18pt) WCAG AA × Fail

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, 54.801, 126.281 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

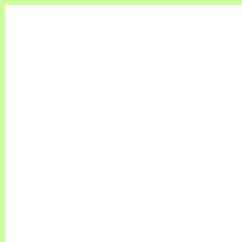
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 54.801, 126.281

Background



This preview shows how black text looks on a background with the CIELCh color 95, 54.801, 126.281.

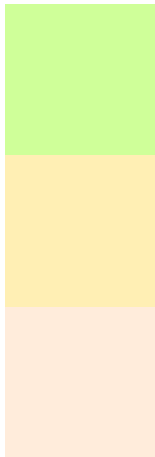


This preview shows how white text looks on a background with the CIELCh color 95, 54.801, 126.281.

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](#).

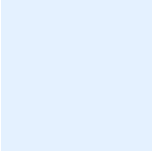
Dichromacy



Original Color
95, 54.216, 126.111

Protanopia
94, 30.720, 96.078

Deuteranopia
94, 11.184, 70.625

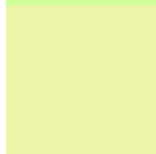


Tritanopia
95, 8.365, 258.871

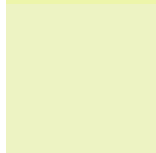
Trichromacy



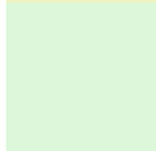
Original Color
95, 54.216, 126.111



Protanomaly
94, 38.046, 111.881



Deuteranomaly
94, 24.572, 113.533

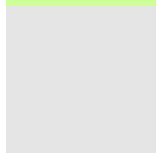


Tritanomaly
94, 17.201, 141.903

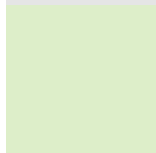
Monochromacy



Original Color
95, 54.216, 126.111



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 20.054, 126.917

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 54.801, 126.281 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(207, 255, 153)` looks like.

```
.text, #text, p{  
    color:rgb(207, 255, 153)  
}
```

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(207, 255, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 255, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 54.801, 126.281 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(207, 255, 153) }
```

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

```
.border{ border-color:rgb(207, 255, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 255, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 255, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 255, 153);  
box-shadow:4px 4px 4px 4px rgb(207, 255,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 54.801, 126.281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 255, 153) }
```

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

```
.background{ background-color: rgb(207,  
255, 153) }
```

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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