

Converting Colors

CIELCh(95, 47.076, 128.603)

Have a look what the booklet for
CIELCh(95, 47.076, 128.603)
contains.

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Color

CIELCh(95, 47.285, 128.871)

Conversions

Conversions Part 1

Format	Color
Hex	D0FFA8
RGB	208, 255, 168
RGB Percent	82%, 100%, 66%
CMY	0.1850, 0.0006, 0.3418
CMYK	0.18, 0.00, 0.34, 0.00
HSL	92°, 100%, 83%
HSV	92°, 34%, 100%
XYZ	68.7243, 87.6183, 50.2579
YIQ	231.0290, -0.0850, -37.0210

Conversions

Conversions Part 2

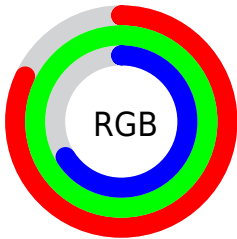
Format	Color
RYB	168, 255, 215
Decimal	13696936
CIELab	95.00, -29.67, 36.81
CIELCh	95, 47.285, 128.871
Yxy	87.6183, 0.3326, 0.4241
Android (android.graphics.Color)	4291887016 (0xFFD0FFA8)
YUV	231.0290, -31.0733, -20.1964
Hunter-Lab	93.6047, -32.7539, 33.6895

Details

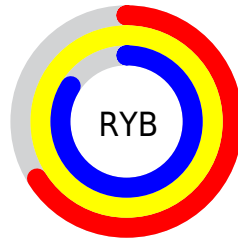
The CIELCh color **95, 47.285, 128.871** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **76, 49.422, 312.085**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 15.682, 108.992**, and **75, 47.264, 129.005** is the 20% darker color. If you saturate the color by 10%, you get **94, 60.681, 128.397**, and if you desaturate by 10%, it is **96, 33.544, 129.364**.

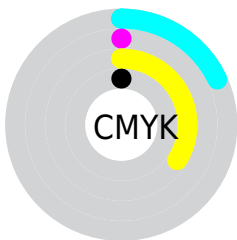
Distribution



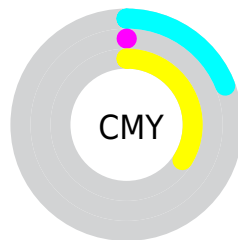
- Red (82%)
- Green (100%)
- Blue (66%)



- Red (66%)
- Yellow (100%)
- Blue (84%)



- Cyan (18%)
- Magenta (0%)
- Yellow (34%)
- Black (0%)





- Cyan (19%)
- Magenta (0%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 47.285, 128.871 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, 47.285, 128.871 by changing the saturation by 10% instead.


 95, 47.285,
128.871


 95, 47.285,
128.871


 100, 47.285,
128.871


 85, 47.285,
128.871

 75, 47.285,
128.871

 65, 47.285,
128.871

 55, 47.285,
128.871

 45, 47.285,
128.871

 35, 47.285,
128.871

 25, 47.285,

128.871

■ 15, 47.285,
128.871

■ 5, 47.285, 128.871

■ 95, 47.285,
128.871

■ 95, 47.285,
128.871

■ 94, 60.681,
128.397

■ 96, 33.544,
129.364

■ 93, 73.445,
127.988

■ 98, 19.646,
129.846

■ 92, 85.179,
127.721

■ 99, 5.728, 130.315

■ 91, 95.343,
127.708

100, 0.112,
321.690

■ 90, 103.327,
128.083

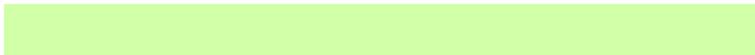
■ 90, 108.686,
128.949

■ 89, 110.801,
129.630

Harmonies

Complementary

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



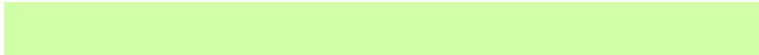
95, 47.285, 128.871



76, 49.422, 312.085

Rectangle

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



95, 47.285, 128.871



95, 47.285, 178.871



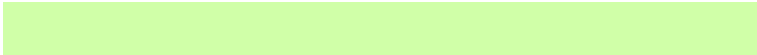
95, 47.285, 308.871



95, 47.285, 358.871

Sweetspot

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



95, 47.287, 128.872



98, 13.892, 130.039



88, 29.277, 74.505



52, 9.481, 129.974



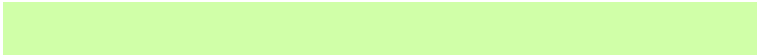
0, 0.000, 0.000



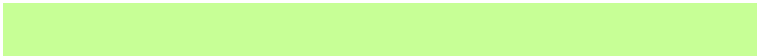
53, 0.007, 296.813

Same Dimension

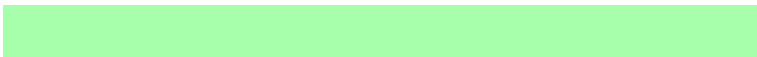
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 47.287, 128.872



94, 56.562, 128.542



93, 53.164, 142.814



52, 7.897, 130.062



69, 89.030, 129.353



23, 39.568, 127.849

Inverse Universe

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



76, 49.422, 312.085



71, 59.697, 312.435



80, 53.124, 327.241



49, 7.998, 310.867



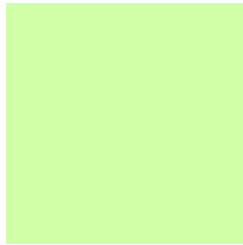
31, 99.662, 312.826



6, 44.841, 313.994

Previews

White Background



This preview shows how the CIE LCh color 95, 47.285, 128.871 looks on a white background.

Color Contrast Check

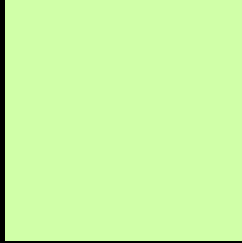
Large Text (above 18pt) WCAG AA × Fail

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, 47.285, 128.871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

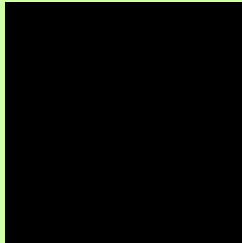
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

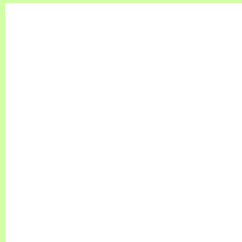
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 47.285, 128.871

Background



This preview shows how black text looks on a background with the CIELCh color 95, 47.285, 128.871.

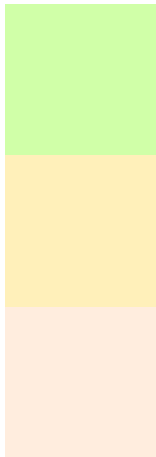


This preview shows how white text looks on a background with the CIELCh color 95, 47.285, 128.871.

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, 47.285, 128.871

Protanopia

95, 28.138, 96.105

Deuteranopia

95, 10.131, 68.792

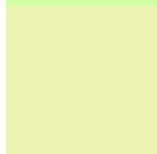


Tritanopia
95, 8.117, 254.824

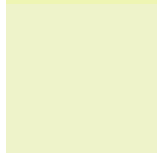
Trichromacy



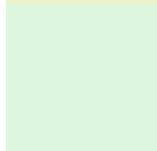
Original Color
95, 47.285, 128.871



Protanomaly
95, 33.564, 112.152



Deuteranomaly
95, 21.006, 113.636

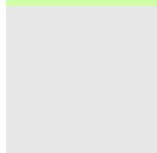


Tritanomaly
95, 15.486, 145.956

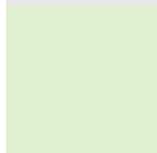
Monochromacy



Original Color
95, 47.285, 128.871



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 17.608, 129.572

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 47.285, 128.871 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(208, 255, 168)` looks like.

```
.text, #text, p{  
    color:rgb(208, 255, 168)  
}
```

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(208, 255, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 255, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 47.285, 128.871 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(208, 255, 168) }
```

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

```
.border{ border-color:rgb(208, 255, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 255, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 255, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 255, 168);  
box-shadow:4px 4px 4px 4px rgb(208, 255,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 47.285, 128.871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 255, 168) }
```

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

```
.background{ background-color: rgb(208,  
255, 168) }
```

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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