

Converting Colors

CIELCh(95, 44.272, 128.010)

Have a look what the booklet for
CIELCh(95, 44.272, 128.010)
contains.

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Color

CIElCh(95, 44.311, 127.980)

Conversions

Conversions Part 1

Format	Color
Hex	D4FEAC
RGB	212, 254, 172
RGB Percent	83%, 100%, 67%
CMY	0.1698, 0.0051, 0.3266
CMYK	0.17, 0.00, 0.32, 0.01
HSL	91°, 97%, 83%
HSV	91°, 32%, 99%
XYZ	69.8357, 87.6183, 52.1213
YIQ	232.0940, 1.2900, -34.4060

Conversions

Conversions Part 2

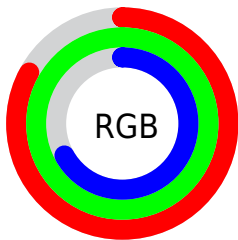
Format	Color
RYB	172, 254, 214
Decimal	13958828
CIELab	95.00, -27.27, 34.93
CIElCh	95, 44.311, 127.980
Yxy	87.6183, 0.3332, 0.4181
Android (android.graphics.Color)	4292148908 (0xFFD4FEAC)
YUV	232.0940, -29.6263, -17.6224
Hunter-Lab	93.6047, -30.6345, 32.5092

Details

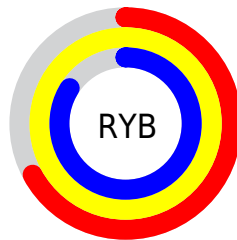
The CIELCh color **95, 44.311, 127.980** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **77, 46.338, 311.075**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 13.663, 109.145**, and **75, 44.192, 128.128** is the 20% darker color. If you saturate the color by 10%, you get **94, 57.628, 127.504**, and if you desaturate by 10%, it is **96, 30.688, 128.474**.

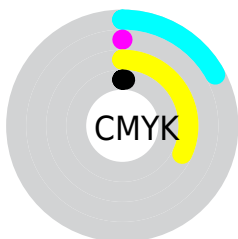
Distribution



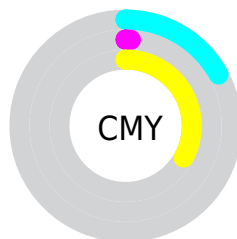
- Red (83%)
- Green (100%)
- Blue (67%)



- Red (67%)
- Yellow (100%)
- Blue (84%)



- Cyan (17%)
- Magenta (0%)
- Yellow (32%)
- Black (1%)




- Cyan (17%)
- Magenta (1%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 44.311, 127.980 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, 44.311, 127.980 by changing the saturation by 10% instead.


 95, 44.311,
127.980


 95, 44.311,
127.980


 100, 44.311,
127.980

 85, 44.311,
127.980

 75, 44.311,
127.980

 65, 44.311,
127.980

 55, 44.311,
127.980

 45, 44.311,
127.980

 35, 44.311,
127.980

 25, 44.311,

127.980

■ 15, 44.311,
127.980

■ 5, 44.311, 127.980

■ 95, 44.311,
127.980

■ 95, 44.311,
127.980

■ 94, 57.628,
127.504

■ 96, 30.688,
128.474

■ 93, 70.376,
127.086

■ 98, 16.931,
128.955

■ 92, 82.184,
126.800

■ 99, 3.166, 129.443

■ 91, 92.544,
126.749

100, 0.809,
324.088

■ 90, 100.851,
127.064

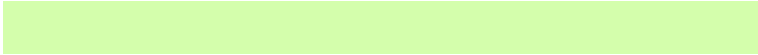
■ 90, 106.608,
127.862

■ 89, 109.449,
128.762

Harmonies

Complementary

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



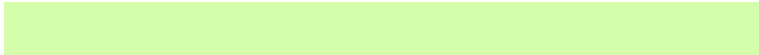
95, 44.311, 127.980



77, 46.338, 311.075

Rectangle

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



95, 44.311, 127.980



95, 44.311, 177.980



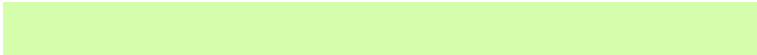
95, 44.311, 307.980



95, 44.311, 357.980

Sweetspot

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



95, 44.313, 127.981



98, 13.799, 129.064



88, 27.054, 71.358



52, 9.417, 128.998



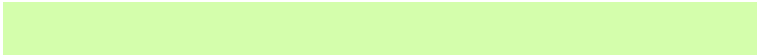
0, 0.000, 0.000



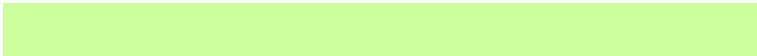
53, 0.007, 296.813

Same Dimension

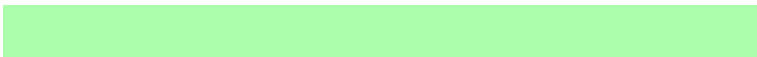
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 44.313, 127.981



95, 53.482, 127.658



93, 51.335, 142.108



53, 7.844, 129.088



69, 88.248, 128.484



23, 39.245, 126.945

Inverse Universe

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



77, 46.338, 311.075



72, 56.506, 311.435



80, 51.307, 326.202



49, 7.951, 309.911



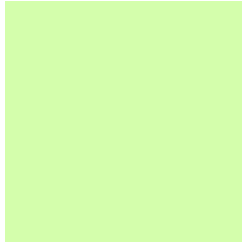
30, 100.266, 312.153



6, 44.887, 313.216

Previews

White Background



This preview shows how the CIELCh color 95, 44.311, 127.980 looks on a white background.

Color Contrast Check

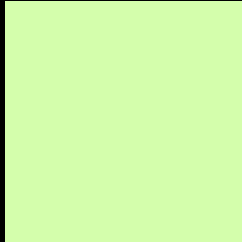
Large Text (above 18pt) WCAG AA × Fail

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, 44.311, 127.980 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

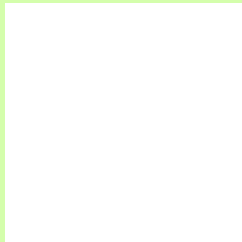
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 44.311, 127.980

Background



This preview shows how black text looks on a background with the CIELCh color 95, 44.311, 127.980.

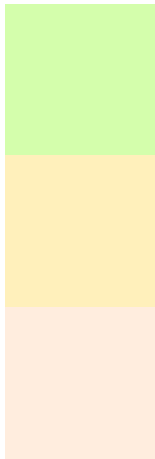


This preview shows how white text looks on a background with the CIELCh color 95, 44.311, 127.980.

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, 44.311, 127.980

Protanopia
95, 27.642, 95.945

Deuteranopia
95, 10.131, 68.792

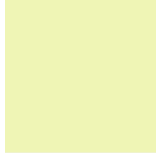


Tritanopia
95, 7.757, 258.918

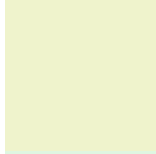
Trichromacy



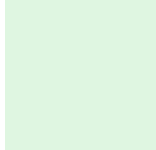
Original Color
95, 44.311, 127.980



Protanomaly
95, 32.538, 111.691

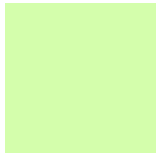


Deuteranomaly
95, 19.961, 112.899

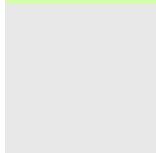


Tritanomaly
95, 13.603, 146.331

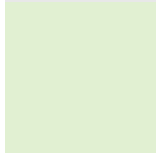
Monochromacy



Original Color
95, 44.311, 127.980



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 16.382, 128.515

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 44.311, 127.980 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, 254, 172)` looks like.

```
.text, #text, p{  
    color:rgb(212, 254, 172)  
}
```

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, 254, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 254, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 44.311, 127.980 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, 254, 172) }
```

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

```
.border{ border-color:rgb(212, 254, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 254, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 254, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 254, 172);  
box-shadow:4px 4px 4px 4px rgb(212, 254,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 44.311, 127.980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 254, 172) }
```

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

```
.background{ background-color: rgb(212,  
254, 172) }
```

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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