

Converting Colors

CIELCh(95, 44.483, 126.452)

Have a look what the booklet for
CIELCh(95, 44.483, 126.452)
contains.

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Color

CIElCh(95, 44.393, 126.433)

Conversions

Conversions Part 1

Format	Color
Hex	D6FDAA
RGB	214, 253, 170
RGB Percent	84%, 99%, 67%
CMY	0.1600, 0.0070, 0.3326
CMYK	0.15, 0.00, 0.33, 0.01
HSL	88°, 96%, 83%
HSV	88°, 33%, 99%
XYZ	70.2564, 87.6183, 51.3363
YIQ	231.8770, 3.3990, -34.0810

Conversions

Conversions Part 2

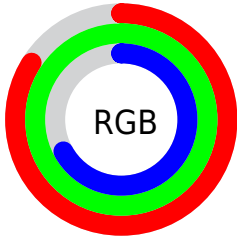
Format	Color
RYB	170, 253, 209
Decimal	14089642
CIELab	95.00, -26.36, 35.72
CIELCh	95, 44.393, 126.433
Yxy	87.6183, 0.3358, 0.4188
Android (android.graphics.Color)	4292279722 (0xFFD6FDAA)
YUV	231.8770, -30.5054, -15.6781
Hunter-Lab	93.6047, -29.8323, 33.0064

Details

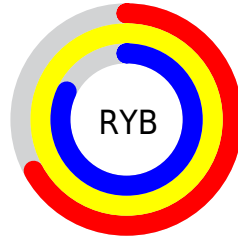
The CIELCh color **95, 44.393, 126.433** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **76, 46.676, 309.708**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 14.673, 109.069**, and **75, 44.252, 126.506** is the 20% darker color. If you saturate the color by 10%, you get **94, 57.504, 125.958**, and if you desaturate by 10%, it is **96, 30.961, 126.933**.

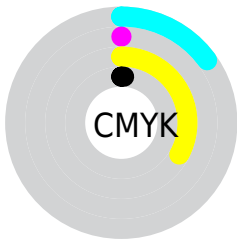
Distribution



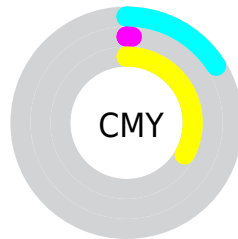
- Red (84%)
- Green (99%)
- Blue (67%)



- Red (67%)
- Yellow (99%)
- Blue (82%)



- Cyan (15%)
- Magenta (0%)
- Yellow (33%)
- Black (1%)





- Cyan (16%)
- Magenta (1%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 44.393, 126.433 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, 44.393, 126.433 by changing the saturation by 10% instead.


 95, 44.393,
126.433


 95, 44.393,
126.433


 100, 44.393,
126.433


 85, 44.393,
126.433

 75, 44.393,
126.433

 65, 44.393,
126.433

 55, 44.393,
126.433

 45, 44.393,
126.433

 35, 44.393,
126.433

 25, 44.393,

126.433

■ 15, 44.393,
126.433

■ 5, 44.393, 126.433

■ 95, 44.393,
126.433

■ 95, 44.393,
126.433

■ 94, 57.504,
125.958

■ 96, 30.961,
126.933

■ 93, 70.030,
125.550

■ 98, 17.379,
127.426

■ 92, 81.601,
125.283

■ 99, 3.771, 127.919

■ 91, 91.703,
125.262

100, 1.118,
324.204

■ 91, 99.737,
125.618

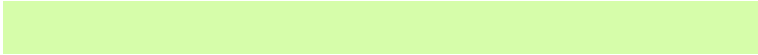
■ 90, 105.224,
126.462

■ 90, 107.773,
127.333

Harmonies

Complementary

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



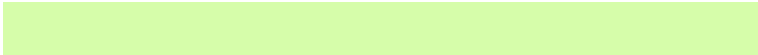
95, 44.393, 126.433



76, 46.676, 309.708

Rectangle

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



95, 44.393, 126.433



95, 44.393, 176.433



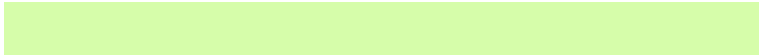
95, 44.393, 306.433



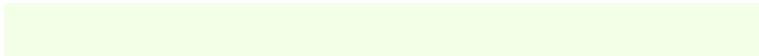
95, 44.393, 356.433

Sweetspot

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



95, 44.395, 126.435



99, 13.666, 127.560



87, 27.077, 67.801



52, 9.326, 127.493



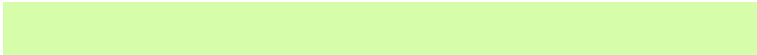
0, 0.000, 0.000



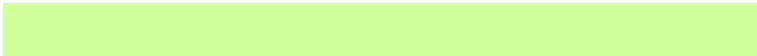
53, 0.007, 296.813

Same Dimension

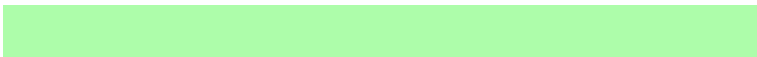
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 44.395, 126.435



95, 52.895, 126.133



93, 51.442, 141.294



53, 7.769, 127.584



70, 87.040, 127.052



24, 38.759, 125.484

Inverse Universe

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



76, 46.676, 309.708



72, 56.218, 310.073



80, 51.517, 325.264



49, 7.884, 308.443



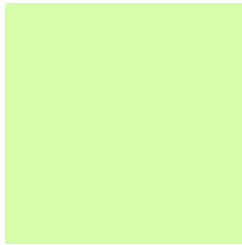
29, 101.185, 311.207



6, 44.920, 312.054

Previews

White Background



This preview shows how the CIE LCh color 95, 44.393, 126.433 looks on a white background.

Color Contrast Check

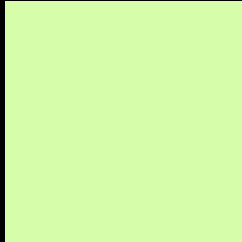
Large Text (above 18pt) WCAG AA × Fail

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, 44.393, 126.433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

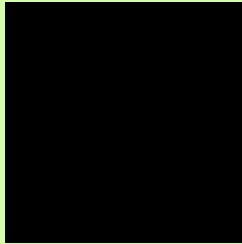
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

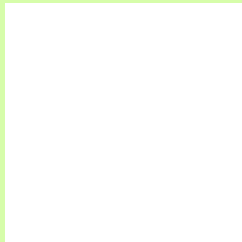
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 95, 44.393, 126.433

Background



This preview shows how black text looks on a background with the CIELCh color 95, 44.393, 126.433.

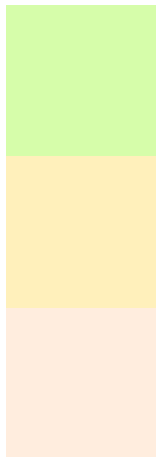


This preview shows how white text looks on a background with the CIELCh color 95, 44.393, 126.433.

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, 44.393, 126.433

Protanopia
95, 27.642, 95.945

Deuteranopia
95, 10.131, 68.792

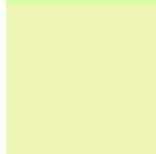


Tritanopia
95, 7.901, 265.189

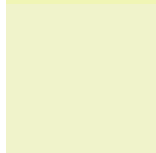
Trichromacy



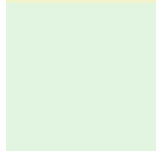
Original Color
95, 44.393, 126.433



Protanomaly
95, 32.510, 111.019



Deuteranomaly
95, 20.438, 111.719

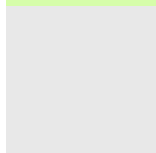


Tritanomaly
95, 12.986, 142.713

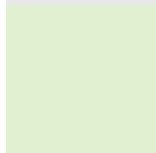
Monochromacy



Original Color
95, 44.393, 126.433



Achromatopsia
92, 0.011, 296.813



Achromatomaly
93, 16.257, 127.326

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 44.393, 126.433 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(214, 253, 170)` looks like.

```
.text, #text, p{  
    color:rgb(214, 253, 170)  
}
```

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(214, 253, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 253, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 44.393, 126.433 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(214, 253, 170) }
```

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

```
.border{ border-color:rgb(214, 253, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 253, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 253, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 253, 170);  
box-shadow:4px 4px 4px 4px rgb(214, 253,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 44.393, 126.433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 253, 170) }
```

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

```
.background{ background-color: rgb(214,  
253, 170) }
```

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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