

Converting Colors

CIELCh(100, 66.993, 128.923)

Have a look what the booklet for
CIELCh(100, 66.993, 128.923)
contains.

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Color

CIELCh(95, 56.280, 126.079)

Conversions

Conversions Part 1

Format	Color
Hex	CEFF96
RGB	206, 255, 150
RGB Percent	81%, 100%, 59%
CMY	0.1916, 0.0000, 0.4114
CMYK	0.19, 0.00, 0.41, 0.00
HSL	88°, 100%, 79%
HSV	88°, 41%, 100%
XYZ	67.1430, 87.6183, 42.2647
YIQ	228.3790, 4.5010, -43.0430

Conversions

Conversions Part 2

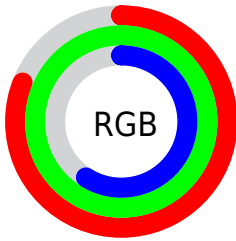
Format	Color
RYB	150, 255, 199
Decimal	13565846
CIELab	95.00, -33.14, 45.49
CIELCh	95, 56.280, 126.079
Yxy	87.6183, 0.3408, 0.4447
Android (android.graphics.Color)	4291755926 (0xFFCEFF96)
YUV	228.3790, -38.6408, -19.6264
Hunter-Lab	93.6047, -35.7693, 38.7524

Details

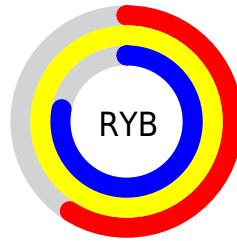
The CIELCh color **95, 56.280, 126.079** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **70, 59.394, 310.063**, and the grayscale version is **91, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 25.235, 108.263**, and **75, 55.720, 125.838** is the 20% darker color. If you saturate the color by 10%, you get **94, 68.335, 125.453**, and if you desaturate by 10%, it is **96, 42.400, 126.359**.

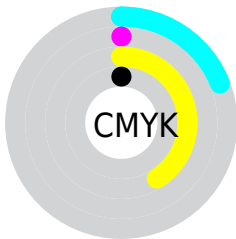
Distribution



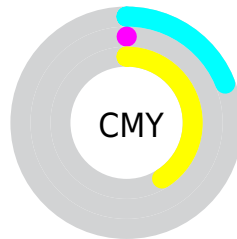
- Red (81%)
- Green (100%)
- Blue (59%)



- Red (59%)
- Yellow (100%)
- Blue (78%)



- Cyan (19%)
- Magenta (0%)
- Yellow (41%)
- Black (0%)





- Cyan (19%)
- Magenta (0%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 56.280, 126.079 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, 56.280, 126.079 by changing the saturation by 10% instead.


 95, 56.280,
126.079


 95, 56.280,
126.079


 100, 56.280,
126.079


 85, 56.280,
126.079

 75, 56.280,
126.079

 65, 56.280,
126.079

 55, 56.280,
126.079

 45, 56.280,
126.079

 35, 56.280,
126.079

 25, 56.280,

126.079

■ 15, 56.280,
126.079

■ 5, 56.280, 126.079

■ 95, 56.280,
126.079

■ 95, 56.280,
126.079

■ 94, 68.335,
125.453

■ 96, 42.400,
126.359

■ 93, 80.142,
125.157

■ 97, 28.870,
126.859

■ 92, 90.565,
125.088

■ 98, 15.213,
127.352

■ 91, 99.004,
125.375

■ 100, 1.545,
127.890

■ 91, 104.936,
126.137

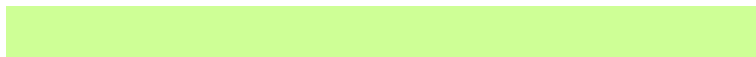
100, 0.012,
296.813

■ 90, 108.201,
127.187

Harmonies

Complementary

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



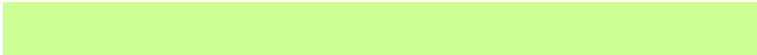
95, 56.280, 126.079



70, 59.394, 310.063

Rectangle

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



95, 56.280, 126.079



95, 56.280, 176.079



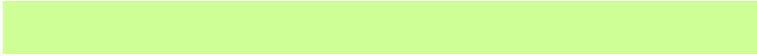
95, 56.280, 306.079



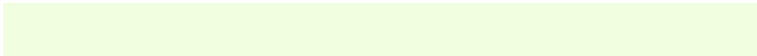
95, 56.280, 356.079

Sweetspot

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



95, 55.636, 125.876



98, 16.389, 127.310



84, 34.820, 65.069



52, 10.872, 127.246



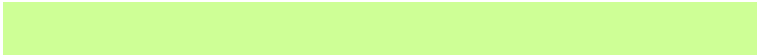
0, 0.000, 0.000



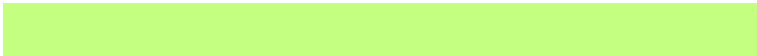
53, 0.007, 296.813

Same Dimension

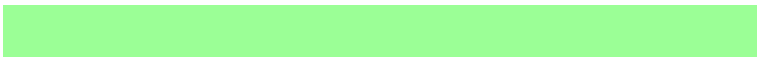
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 55.636, 125.876



94, 65.677, 125.535



92, 64.175, 140.154



53, 7.761, 127.431



70, 86.917, 126.900



24, 38.710, 125.331

Inverse Universe

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



70, 59.394, 310.063



65, 71.137, 310.526



76, 64.280, 325.173



49, 7.877, 308.294



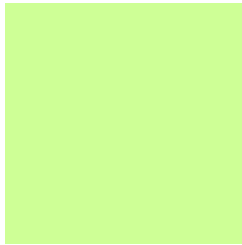
29, 101.278, 311.117



6, 44.921, 311.938

Previews

White Background



This preview shows how the CIELCh color 95, 56.280, 126.079 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, 56.280, 126.079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

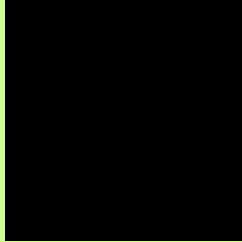
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 56.280, 126.079

Background



This preview shows how black text looks on a background with the CIELCh color 95, 56.280, 126.079.

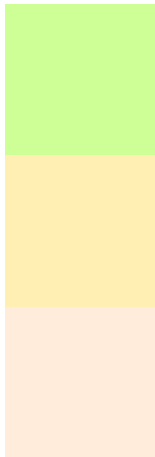


This preview shows how white text looks on a background with the CIELCh color 95, 56.280, 126.079.

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](#).

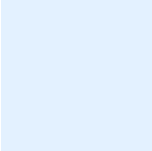
Dichromacy



Original Color
95, 55.697, 125.913

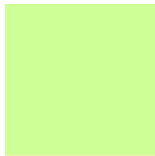
Protanopia
94, 31.215, 96.211

Deuteranopia
94, 11.596, 72.137

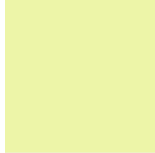


Tritanopia
95, 8.539, 256.933

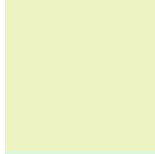
Trichromacy



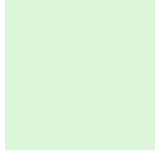
Original Color
95, 55.697, 125.913



Protanomaly
94, 39.029, 111.694

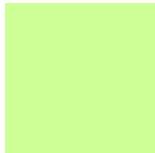


Deuteranomaly
94, 25.578, 113.258

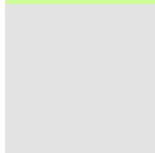


Tritanomaly
94, 17.833, 141.944

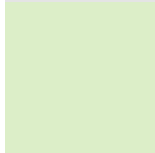
Monochromacy



Original Color
95, 55.697, 125.913



Achromatopsia
91, 0.011, 296.813



Achromatomaly
92, 20.663, 127.410

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 56.280, 126.079 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(206, 255, 150)` looks like.

```
.text, #text, p{  
    color:rgb(206, 255, 150)  
}
```

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(206, 255, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 255, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 56.280, 126.079 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(206, 255, 150) }
```

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

```
.border{ border-color:rgb(206, 255, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 255, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 255, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 255, 150);  
box-shadow:4px 4px 4px 4px rgb(206, 255,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 56.280, 126.079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 255, 150) }
```

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

```
.background{ background-color: rgb(206,  
255, 150) }
```

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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