

Converting Colors

CIELCh(95, 44.168, 107.555)

Have a look what the booklet for
CIELCh(95, 44.168, 107.555)
contains.

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Color

CIELCh(95, 44.247, 107.726)

Conversions

Conversions Part 1

Format	Color
Hex	F4F69E
RGB	244, 246, 158
RGB Percent	96%, 96%, 62%
CMY	0.0431, 0.0352, 0.3804
CMYK	0.01, 0.00, 0.36, 0.04
HSL	61°, 83%, 79%
HSV	61°, 36%, 96%
XYZ	76.4402, 87.6183, 45.2340
YIQ	235.3700, 27.0560, -27.7920

Conversions

Conversions Part 2

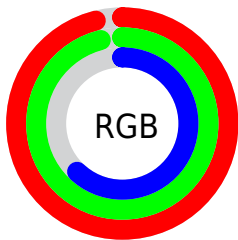
Format	Color
R _Y B	158, 246, 160
Decimal	16053918
CIE Lab	95.00, -13.47, 42.15
CIE LCh	95, 44.247, 107.726
Yxy	87.6183, 0.3652, 0.4186
Android (android.graphics.Color)	4294243998 (0xFFFF4F69E)
YUV	235.3700, -38.1434, 7.5685
Hunter-Lab	93.6047, -18.0401, 36.8717

Details

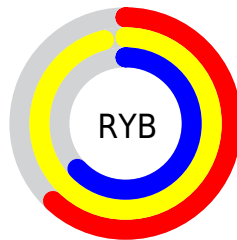
The CIELCh color **95, 44.247, 107.726** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **68, 48.462, 295.559**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 20.719, 108.609**, and **75, 44.440, 107.568** is the 20% darker color. If you saturate the color by 10%, you get **95, 55.929, 106.841**, and if you desaturate by 10%, it is **95, 32.126, 108.656**.

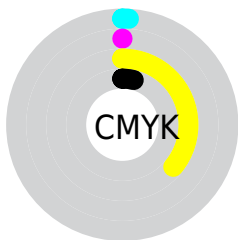
Distribution



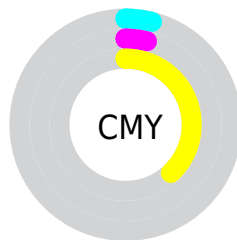
- Red (96%)
- Green (96%)
- Blue (62%)



- Red (62%)
- Yellow (96%)
- Blue (63%)



- Cyan (1%)
- Magenta (0%)
- Yellow (36%)
- Black (4%)



- Cyan (4%)
- Magenta (4%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 44.247, 107.726 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, 44.247, 107.726 by changing the saturation by 10% instead.

 95, 44.247,
107.726

 95, 44.247,
107.726


 100, 44.247,
107.726

 85, 44.247,
107.726

 75, 44.247,
107.726

 65, 44.247,
107.726

 55, 44.247,
107.726

 45, 44.247,
107.726

 35, 44.247,
107.726

 25, 44.247,

107.726

■ 15, 44.247,
107.726

■ 5, 44.247, 107.726

■ 95, 44.247,
107.726

■ 95, 44.247,
107.726

■ 95, 55.929,
106.841

■ 95, 32.126,
108.656

■ 94, 66.878,
106.023

■ 96, 19.749,
109.597

■ 94, 76.672,
105.314

■ 97, 7.239, 110.531

■ 94, 84.748,
104.763

■ 97, 4.605, 291.564

■ 97, 4.615, 293.974

■ 94, 90.511,
104.414

■ 97, 4.634, 296.371

■ 94, 93.610,
104.293

■ 97, 4.660, 298.748

■ 97, 4.694, 301.097

■ 94, 94.358,
104.289

■ 97, 4.736, 303.410

Harmonies

Complementary

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



95, 44.247, 107.726



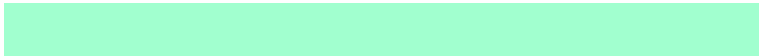
68, 48.462, 295.559

Rectangle

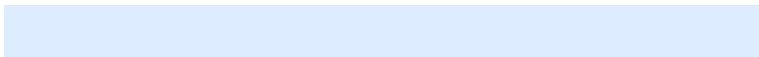
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 44.247, 107.726



95, 44.247, 157.726



95, 44.247, 287.726



95, 44.247, 337.726

Sweetspot

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



95, 44.249, 107.729



99, 14.198, 110.044



74, 34.995, 23.887



53, 9.537, 109.916



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

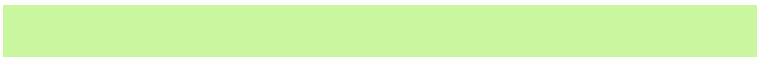
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 44.249, 107.729



98, 54.301, 107.074



92, 47.811, 127.970



51, 7.098, 110.187



73, 76.537, 104.265



24, 33.184, 104.443

Inverse Universe

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



68, 48.462, 295.559



65, 60.920, 296.822



72, 50.229, 311.399



47, 7.259, 292.027



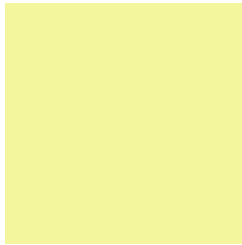
22, 105.518, 306.354



3, 39.968, 300.297

Previews

White Background



This preview shows how the CIE LCh color 95, 44.247, 107.726 looks on a white background.

Color Contrast Check

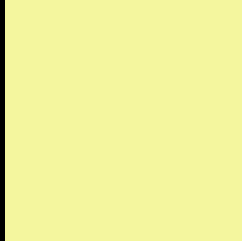
Large Text (above 18pt) WCAG AA × Fail

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, 44.247, 107.726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

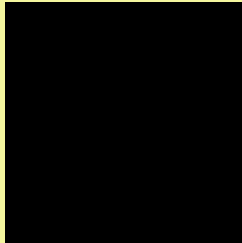
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 44.247, 107.726

Background



This preview shows how black text looks on a background with the CIELCh color 95, 44.247, 107.726.

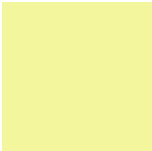
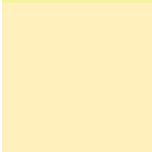
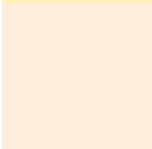


This preview shows how white text looks on a background with the CIELCh color 95, 44.247, 107.726.

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](#).

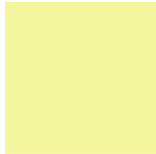
Dichromacy

	Original Color 95, 44.247, 107.726
	Protanopia 95, 27.146, 95.777
	Deuteranopia 95, 10.292, 72.147

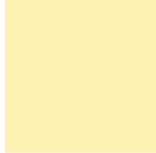


Tritanopia
95, 12.281, 327.579

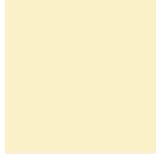
Trichromacy



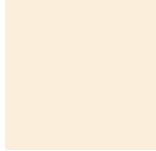
Original Color
95, 44.247, 107.726



Protanomaly
95, 33.193, 101.504

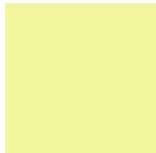


Deuteranomaly
95, 21.761, 98.460

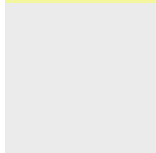


Tritanomaly
95, 11.297, 84.253

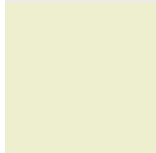
Monochromacy



Original Color
95, 44.247, 107.726



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 16.391, 110.174

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 44.247, 107.726 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(244, 246, 158)` looks like.

```
.text, #text, p{  
    color:rgb(244, 246, 158)  
}
```

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(244, 246, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 246, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 44.247, 107.726 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(244, 246, 158) }
```

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

```
.border{ border-color:rgb(244, 246, 158) }
```

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

Here you see how a box with a 4 pixel rgb(244, 246, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 246, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 246, 158);  
box-shadow:4px 4px 4px 4px rgb(244, 246,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 44.247, 107.726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 246, 158) }
```

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

```
.background{ background-color: rgb(244,  
246, 158) }
```

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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