

Converting Colors

CIELCh(95, 39.881, 108.166)

Have a look what the booklet for
CIELCh(95, 39.881, 108.166)
contains.

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Color

CIELCh(95, 39.854, 108.177)

Conversions

Conversions Part 1

Format	Color
Hex	F4F6A7
RGB	244, 246, 167
RGB Percent	96%, 96%, 65%
CMY	0.0447, 0.0368, 0.3465
CMYK	0.01, 0.00, 0.32, 0.04
HSL	62°, 81%, 81%
HSV	62°, 32%, 96%
XYZ	76.9538, 87.6183, 49.2397
YIQ	236.3960, 24.1670, -24.9930

Conversions

Conversions Part 2

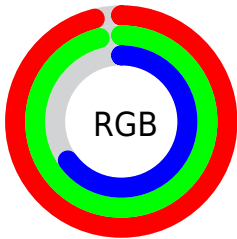
Format	Color
R_{YB}	167, 246, 169
Decimal	16053927
CIE _{Lab}	95.00, -12.43, 37.87
CIE _{LCh}	95, 39.854, 108.177
Yxy	87.6183, 0.3599, 0.4098
Android (android.graphics.Color)	4294244007 (0xFFFF4F6A7)
YUV	236.3960, -34.2122, 6.6687
Hunter-Lab	93.6047, -17.0607, 34.3344

Details

The CIELCh color **95, 39.854, 108.177** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **71, 43.171, 295.067**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 16.187, 108.954**, and **75, 39.975, 108.161** is the 20% darker color. If you saturate the color by 10%, you get **95, 51.708, 107.279**, and if you desaturate by 10%, it is **95, 27.639, 109.111**.

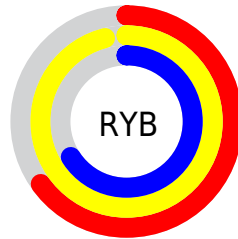
Distribution



Red (96%)

Green (96%)

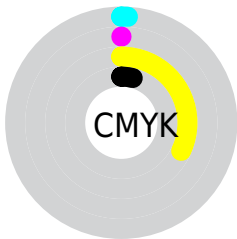
Blue (65%)



Red (65%)

Yellow (96%)

Blue (66%)

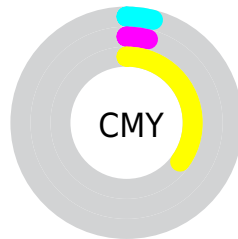


Cyan (1%)

Magenta (0%)

Yellow (32%)

Black (4%)



Cyan (4%)


Magenta (4%)


Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 39.854, 108.177 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, 39.854, 108.177 by changing the saturation by 10% instead.


 95, 39.854,
108.177


 95, 39.854,
108.177


 100, 39.854,
108.177


 85, 39.854,
108.177

 75, 39.854,
108.177

 65, 39.854,
108.177

 55, 39.854,
108.177

 45, 39.854,
108.177

 35, 39.854,
108.177

 25, 39.854,

108.177

■ 15, 39.854,
108.177

■ 5, 39.854, 108.177

■ 95, 39.854,
108.177

■ 95, 39.854,
108.177

■ 95, 51.708,
107.279

■ 95, 27.639,
109.111

■ 94, 62.949,
106.436

■ 96, 15.218,
110.048

■ 94, 73.207,
105.688

■ 97, 2.695, 110.959

■ 94, 81.967,
105.080

■ 97, 4.809, 292.581

■ 97, 4.825, 295.152

■ 94, 88.622,
104.662

■ 97, 4.850, 297.704

■ 94, 92.691,
104.469

■ 97, 4.884, 300.228

■ 93, 94.255,
104.457

■ 97, 4.928, 302.715

■ 97, 4.981, 305.156

Harmonies

Complementary

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



95, 39.854, 108.177



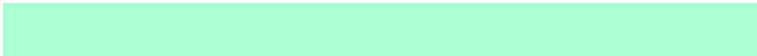
71, 43.171, 295.067

Rectangle

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



95, 39.854, 108.177



95, 39.854, 158.177



95, 39.854, 288.177



95, 39.854, 338.177

Sweetspot

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



95, 39.856, 108.180



99, 12.910, 110.247



76, 31.000, 23.419



53, 8.806, 110.116



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

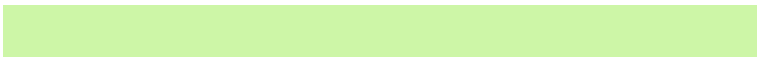
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 39.856, 108.180



98, 49.496, 107.552



92, 43.006, 128.147



51, 7.099, 110.297



73, 76.545, 104.430



24, 33.185, 104.592

Inverse Universe

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



71, 43.171, 295.067



68, 54.783, 296.192



74, 44.935, 311.207



47, 7.259, 292.128



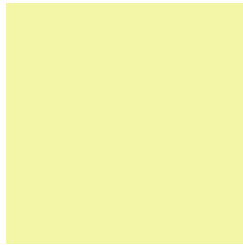
22, 105.504, 306.362



3, 39.975, 300.359

Previews

White Background



This preview shows how the CIELCh color 95, 39.854, 108.177 looks on a white background.

Color Contrast Check

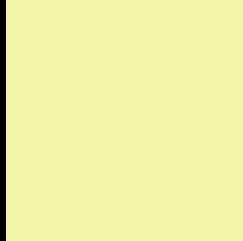
Large Text (above 18pt) WCAG AA × Fail

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, 39.854, 108.177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

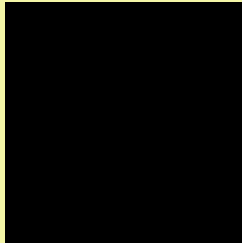
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 39.854, 108.177

Background



This preview shows how black text looks on a background with the CIELCh color 95, 39.854, 108.177.

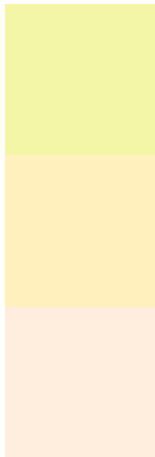


This preview shows how white text looks on a background with the CIELCh color 95, 39.854, 108.177.

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, 39.854, 108.177

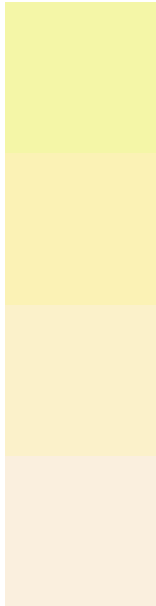
Protanopia
95, 26.650, 95.601

Deuteranopia
95, 10.292, 72.147



Tritanopia
95, 11.446, 326.278

Trichromacy



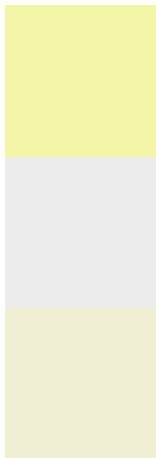
Original Color
95, 39.854, 108.177

Protanomaly
95, 31.200, 101.306

Deuteranomaly
95, 20.258, 97.874

Tritanomaly
95, 9.573, 84.601

Monochromacy



Original Color
95, 39.854, 108.177

Achromatopsia
93, 0.011, 296.813

Achromatomaly
94, 14.341, 109.039

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 39.854, 108.177 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, 167)` looks like.

```
.text, #text, p{  
    color:rgb(244, 246, 167)  
}
```

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, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 246, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 39.854, 108.177 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, 167) }
```

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

```
.border{ border-color:rgb(244, 246, 167) }
```

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, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 246, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 246, 167);  
box-shadow:4px 4px 4px 4px rgb(244, 246,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 39.854, 108.177 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, 167) }
```

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

```
.background{ background-color: rgb(244,  
246, 167) }
```

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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