

Converting Colors

CIELCh(95, 43.158, 106.799)

Have a look what the booklet for
CIELCh(95, 43.158, 106.799)
contains.

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Color

CIELCh(95, 42.808, 106.807)

Conversions

Conversions Part 1

Format	Color
Hex	F5F5A0
RGB	245, 245, 160
RGB Percent	96%, 96%, 63%
CMY	0.0375, 0.0375, 0.3709
CMYK	0.00, 0.00, 0.35, 0.04
HSL	60°, 82%, 80%
HSV	60°, 35%, 96%
XYZ	76.9809, 87.6183, 46.3034
YIQ	235.3100, 27.2850, -26.4350

Conversions

Conversions Part 2

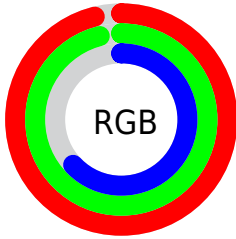
Format	Color
RYB	160, 245, 160
Decimal	16119200
CIELab	95.00, -12.38, 40.98
CIELCh	95, 42.808, 106.807
Yxy	87.6183, 0.3650, 0.4154
Android (android.graphics.Color)	4294309280 (0xFFFF5F5A0)
YUV	235.3100, -37.1278, 8.4981
Hunter-Lab	93.6047, -17.0090, 36.1943

Details

The CIELCh color **95, 42.808, 106.807** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **69, 46.724, 294.669**, and the grayscale version is **93, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 19.713, 108.686**, and **75, 42.977, 106.621** is the 20% darker color. If you saturate the color by 10%, you get **95, 54.530, 105.881**, and if you desaturate by 10%, it is **95, 30.674, 107.775**.

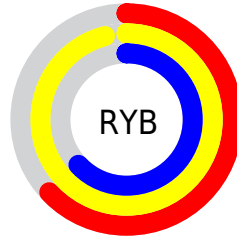
Distribution



Red (96%)

Green (96%)

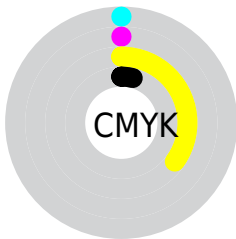
Blue (63%)



Red (63%)

Yellow (96%)

Blue (63%)

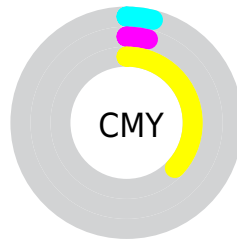


Cyan (0%)

Magenta (0%)

Yellow (35%)

Black (4%)



Cyan (4%)


Magenta (4%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 42.808, 106.807 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, 42.808, 106.807 by changing the saturation by 10% instead.


 95, 42.808,
106.807


 95, 42.808,
106.807


 100, 42.808,
106.807


 85, 42.808,
106.807

 75, 42.808,
106.807

 65, 42.808,
106.807

 55, 42.808,
106.807

 45, 42.808,
106.807

 35, 42.808,
106.807

 25, 42.808,

106.807

■ 15, 42.808,
106.807

■ 5, 42.808, 106.807

■ 95, 42.808,
106.807

■ 95, 42.808,
106.807

■ 95, 54.530,
105.881

■ 95, 30.674,
107.775

■ 94, 65.560,
105.014

■ 96, 18.302,
108.752

■ 94, 75.490,
104.247

■ 96, 5.809, 109.717

■ 94, 83.770,
103.619

■ 97, 4.893, 290.564

■ 97, 4.893, 290.562

■ 94, 89.800,
103.170

■ 97, 4.892, 290.560

■ 94, 93.186,
102.921

■ 97, 4.892, 290.559

■ 94, 94.147,
102.851

■ 97, 4.892, 290.557

■ 97, 4.892, 290.555

Harmonies

Complementary

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



95, 42.808, 106.807



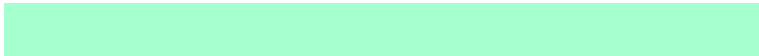
69, 46.724, 294.669

Rectangle

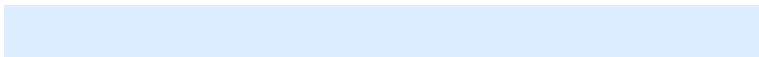
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95, 42.808, 106.807



95, 42.808, 156.807



95, 42.808, 286.807



95, 42.808, 336.807

Sweetspot

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



95, 42.810, 106.810



99, 12.905, 109.201



74, 34.084, 21.306



53, 8.802, 109.065



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

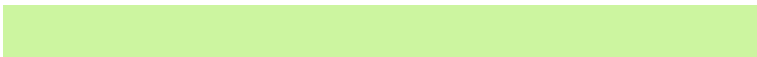
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 42.810, 106.810



98, 53.099, 106.114



92, 45.850, 126.835



51, 7.096, 109.253



73, 76.499, 102.851



24, 33.185, 103.177

Inverse Universe

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



69, 46.724, 294.669



65, 59.378, 296.000



72, 48.278, 310.252



47, 7.256, 291.168



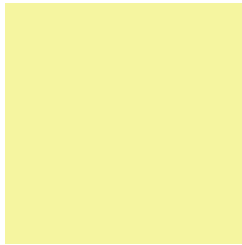
22, 105.633, 306.287



3, 39.905, 299.769

Previews

White Background



This preview shows how the CIELCh color 95, 42.808, 106.807 looks on a white background.

Color Contrast Check

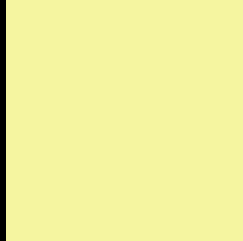
Large Text (above 18pt) WCAG AA × Fail

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, 42.808, 106.807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

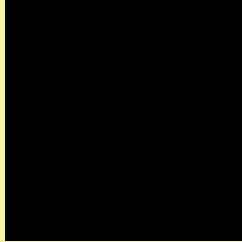
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 95, 42.808, 106.807

Background



This preview shows how black text looks on a background with the CIELCh color 95, 42.808, 106.807.

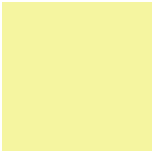
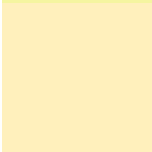
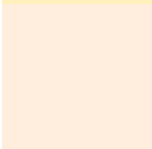


This preview shows how white text looks on a background with the CIELCh color 95, 42.808, 106.807.

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](#).

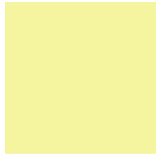
Dichromacy

	Original Color 95, 42.808, 106.807
	Protanopia 95, 27.146, 95.777
	Deuteranopia 95, 10.292, 72.147



Tritanopia
95, 10.862, 330.985

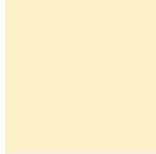
Trichromacy



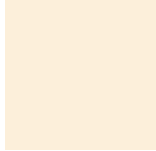
Original Color
95, 42.808, 106.807



Protanomaly
95, 32.740, 100.778

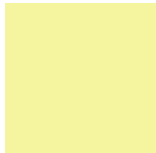


Deuteranomaly
95, 21.331, 97.269

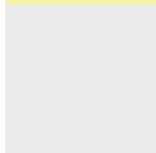


Tritanomaly
95, 11.757, 85.247

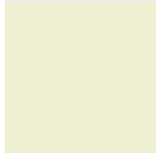
Monochromacy



Original Color
95, 42.808, 106.807



Achromatopsia
93, 0.011, 296.813



Achromatomaly
94, 15.363, 108.958

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 95, 42.808, 106.807 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(245, 245, 160)` looks like.

```
.text, #text, p{  
    color:rgb(245, 245, 160)  
}
```

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(245, 245, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 245, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 95, 42.808, 106.807 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(245, 245, 160) }
```

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

```
.border{ border-color:rgb(245, 245, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 245, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 245, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 245, 160);  
box-shadow:4px 4px 4px 4px rgb(245, 245,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 95, 42.808, 106.807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 245, 160) }
```

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

```
.background{ background-color: rgb(245,  
245, 160) }
```

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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