

Converting Colors

CIELCh(96, 43.239, 106.793)

Have a look what the booklet for
CIELCh(96, 43.239, 106.793)
contains.

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Color

CIELCh(96, 43.211, 106.806)

Conversions

Conversions Part 1

Format	Color
Hex	F8F8A2
RGB	248, 248, 162
RGB Percent	97%, 97%, 64%
CMY	0.0260, 0.0260, 0.3633
CMYK	0.00, 0.00, 0.35, 0.03
HSL	60°, 87%, 81%
HSV	60°, 35%, 97%
XYZ	79.0781, 90.0078, 47.5503
YIQ	238.1960, 27.6060, -26.7460

Conversions

Conversions Part 2

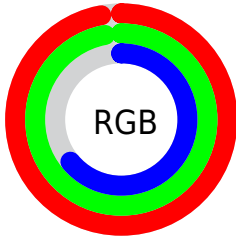
Format	Color
R_{YB}	162, 248, 162
Decimal	16316578
CIE _{Lab}	96.00, -12.49, 41.37
CIE _{LCh}	96, 43.211, 106.806
Yxy	90.0078, 0.3650, 0.4155
Android (android.graphics.Color)	4294506658 (0xFFFF8F8A2)
YUV	238.1960, -37.5646, 8.5981
Hunter-Lab	94.8724, -17.2434, 36.6944

Details

The CIELCh color **96, 43.211, 106.806** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **70, 47.166, 294.672**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 18.707, 108.762**, and **76, 43.386, 107.178** is the 20% darker color. If you saturate the color by 10%, you get **96, 55.046, 105.879**, and if you desaturate by 10%, it is **96, 30.960, 107.774**.

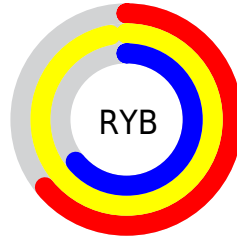
Distribution



Red (97%)

Green (97%)

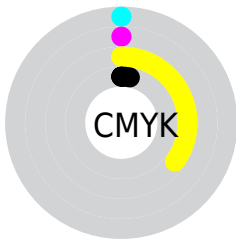
Blue (64%)



Red (64%)

Yellow (97%)

Blue (64%)

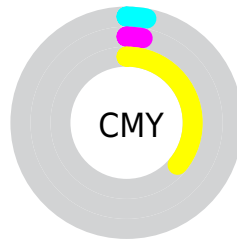


Cyan (0%)

Magenta (0%)

Yellow (35%)

Black (3%)



Cyan (3%)


Magenta (3%)


Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 43.211, 106.806 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 96, 43.211, 106.806 by changing the saturation by 10% instead.


 96, 43.211,
106.806


 96, 43.211,
106.806


 100, 43.211,
106.806


 86, 43.211,
106.806

 76, 43.211,
106.806

 66, 43.211,
106.806

 56, 43.211,
106.806

 46, 43.211,
106.806

 36, 43.211,
106.806

 26, 43.211,

106.806

■ 16, 43.211,
106.806

■ 6, 43.211, 106.806

■ 96, 43.211,
106.806

■ 96, 43.211,
106.806

■ 96, 55.046,
105.879

■ 96, 30.960,
107.774

■ 95, 66.180,
105.013

■ 97, 18.469,
108.752

■ 95, 76.201,
104.245

■ 97, 5.855, 109.718

■ 95, 84.555,
103.617

■ 98, 3.389, 290.455

■ 98, 3.389, 290.453

■ 95, 90.632,
103.168

■ 98, 3.389, 290.452

■ 95, 94.037,
102.921

■ 98, 3.389, 290.451

■ 95, 94.996,
102.851

■ 98, 3.389, 290.449

■ 98, 3.389, 290.448

Harmonies

Complementary

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



96, 43.211, 106.806



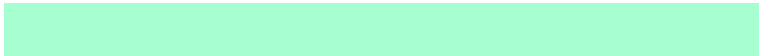
70, 47.166, 294.672

Rectangle

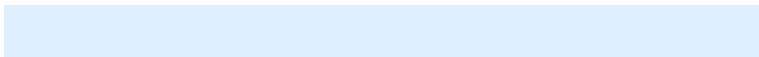
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 43.211, 106.806



96, 43.211, 156.806



96, 43.211, 286.806



96, 43.211, 336.806

Sweetspot

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



96, 43.213, 106.809



99, 12.905, 109.202



75, 34.407, 21.308



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.



96, 43.213, 106.809



98, 53.099, 106.114



93, 46.282, 126.834



52, 7.217, 109.252



74, 77.278, 102.851



25, 34.379, 103.074

Inverse Universe

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



70, 47.166, 294.672



65, 59.379, 296.000



73, 48.733, 310.253



48, 7.380, 291.171



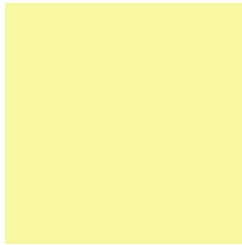
23, 106.708, 306.287



3, 42.025, 300.806

Previews

White Background



This preview shows how the CIE LCh color 96, 43.211, 106.806 looks on a white background.

Color Contrast Check

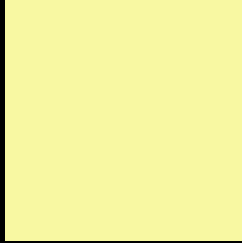
Large Text (above 18pt) WCAG AA × Fail

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 96, 43.211, 106.806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

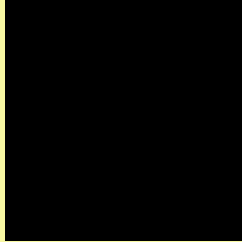
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 43.211, 106.806

Background



This preview shows how black text looks on a background with the CIELCh color 96, 43.211, 106.806.

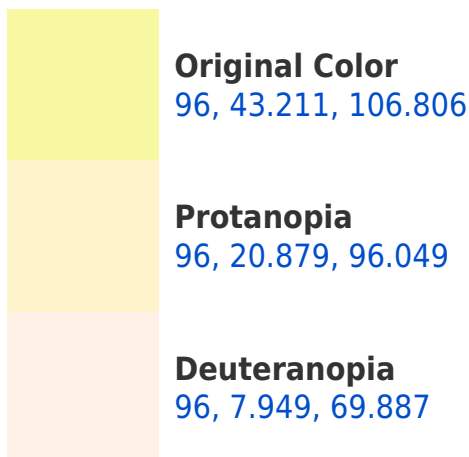



This preview shows how white text looks on a background with the CIELCh color 96, 43.211, 106.806.

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



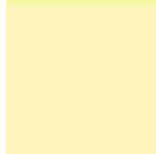


Tritanopia
96, 8.758, 330.441

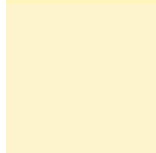
Trichromacy



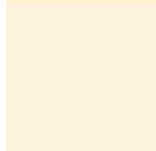
Original Color
96, 43.211, 106.806



Protanomaly
96, 29.093, 101.848



Deuteranomaly
96, 20.145, 98.957



Tritanomaly
96, 12.412, 90.192

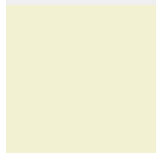
Monochromacy



Original Color
96, 43.211, 106.806



Achromatopsia
94, 0.011, 296.813



Achromatomaly
95, 15.836, 108.932

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 43.211, 106.806 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(248, 248, 162)` looks like.

```
.text, #text, p{  
    color:rgb(248, 248, 162)  
}
```

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(248, 248, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 248, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 43.211, 106.806 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(248, 248, 162) }
```

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

```
.border{ border-color:rgb(248, 248, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 248, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(248, 248, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(248, 248, 162); box-shadow:4px 4px 4px 4px rgb(248, 248, 162) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 43.211, 106.806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 248, 162) }
```

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

```
.background{ background-color: rgb(248,  
248, 162) }
```

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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