

Converting Colors

CIE LCh(98, 26.300, 82.403)

Have a look what the booklet for
CIELCh(98, 26.300, 82.403) contains.

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Color

CIELCh(96, 23.694, 99.140)

Conversions

Conversions Part 1

Format	Color
Hex	FEF4C6
RGB	254, 244, 198
RGB Percent	100%, 96%, 78%
CMY	0.0032, 0.0424, 0.2227
CMYK	0.00, 0.04, 0.22, 0.00
HSL	49°, 97%, 89%
HSV	49°, 22%, 100%
XYZ	83.5644, 90.0078, 66.5265
YIQ	241.7460, 20.7260, -12.1860

Conversions

Conversions Part 2

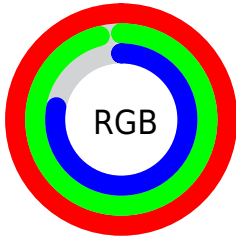
Format	Color
RYB	210, 254, 198
Decimal	16708806
CIELab	96.00, -3.76, 23.39
CIELCh	96, 23.694, 99.140
Yxy	90.0078, 0.3480, 0.3749
Android (android.graphics.Color)	4294898886 (0xFFFEF4C6)
YUV	241.7460, -21.5668, 10.7468
Hunter-Lab	94.8724, -8.8026, 24.8353

Details

The CIELCh color **96, 23.694, 99.140** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **84, 24.380, 284.577**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 23.756, 99.126** is the 20% darker color. If you saturate the color by 10%, you get **94, 34.481, 97.958**, and if you desaturate by 10%, it is **98, 12.898, 100.304**.

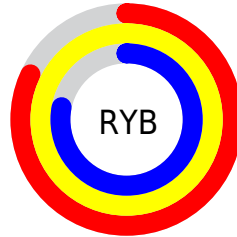
Distribution



Red (100%)

Green (96%)

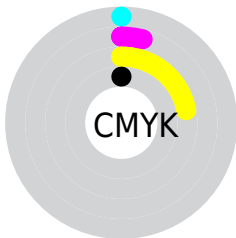
Blue (78%)



Red (82%)

Yellow (100%)

Blue (78%)

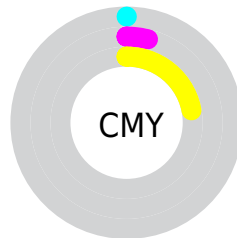


Cyan (0%)

Magenta (4%)

Yellow (22%)

Black (0%)



Cyan (0%)

Magenta (4%)

Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 23.694, 99.140 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, 23.694, 99.140 by changing the saturation by 10% instead.

 96, 23.694, 99.140

 96, 23.694, 99.140

 100, 23.694,
99.140

 86, 23.694, 99.140

 76, 23.694, 99.140

 66, 23.694, 99.140

 56, 23.694, 99.140

 46, 23.694, 99.140

 36, 23.694, 99.140

 26, 23.694, 99.140

 16, 23.694, 99.140

 6, 23.694, 99.140

96, 23.694, 99.140

96, 23.694, 99.140

94, 34.481, 97.958

98, 12.898,
100.304

93, 45.145, 96.751

99, 2.147, 101.368

91, 55.500, 95.535

100, 0.285,
201.712

90, 65.228, 94.316

89, 73.817, 93.093

87, 80.544, 91.850

86, 84.625, 90.545

85, 85.971, 89.430

Harmonies

Complementary

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



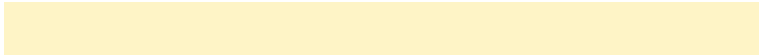
96, 23.694, 99.140



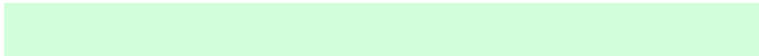
84, 24.380, 284.577

Rectangle

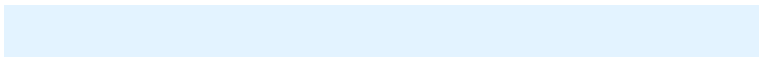
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 23.694, 99.140



96, 23.694, 149.140



96, 23.694, 279.140



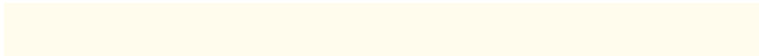
96, 23.694, 329.140

Sweetspot

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



96, 23.696, 99.146



99, 7.517, 100.866



85, 21.560, 6.802



53, 4.886, 100.800



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

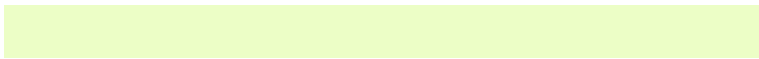
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 23.696, 99.146



96, 28.072, 98.675



97, 29.077, 121.174



52, 6.113, 100.588



66, 69.520, 89.691



22, 30.949, 91.552

Inverse Universe

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



84, 24.380, 284.577



82, 29.054, 285.218



83, 30.335, 303.821



49, 6.193, 282.818



27, 96.589, 303.168



6, 38.424, 298.210

Previews

White Background



This preview shows how the CIE LCh color 96, 23.694, 99.140 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, 23.694, 99.140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

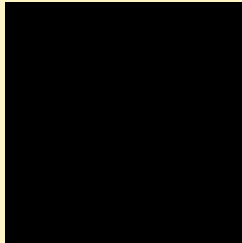
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 23.694, 99.140

Background



This preview shows how black text looks on a background with the CIELCh color 96, 23.694, 99.140.



This preview shows how white text looks on a background with the CIELCh color 96, 23.694, 99.140.

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
96, 23.712, 99.130

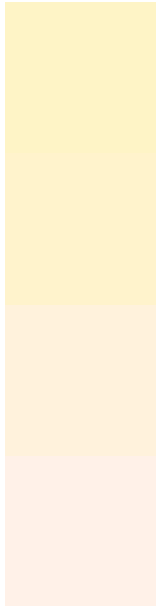
Protanopia
96, 18.398, 94.627

Deuteranopia
96, 6.821, 61.861



Tritanopia
96, 8.376, 332.702

Trichromacy



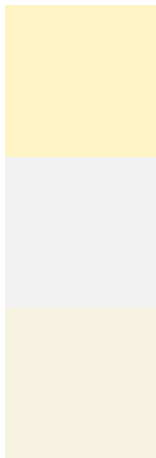
Original Color
96, 23.712, 99.130

Protanomaly
96, 20.382, 95.796

Deuteranomaly
96, 12.200, 86.175

Tritanomaly
96, 6.821, 61.861

Monochromacy



Original Color
96, 23.712, 99.130

Achromatopsia
95, 0.011, 296.813

Achromatomaly
96, 8.741, 102.344

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 23.694, 99.140 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(254, 244, 198)` looks like.

```
.text, #text, p{  
    color:rgb(254, 244, 198)  
}
```

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(254, 244, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 244, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 23.694, 99.140 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(254, 244, 198) }
```

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

```
.border{ border-color:rgb(254, 244, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 244, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 244, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 244, 198);  
box-shadow:4px 4px 4px 4px rgb(254, 244,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 23.694, 99.140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 244, 198) }
```

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

```
.background{ background-color: rgb(254,  
244, 198) }
```

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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