

Converting Colors

CIELCh(96, 20.440, 97.164)

Have a look what the booklet for
CIELCh(96, 20.440, 97.164) contains.

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Color

CIELCh(96, 20.711, 98.107)

Conversions

Conversions Part 1

Format	Color
Hex	FEF4CC
RGB	254, 244, 204
RGB Percent	100%, 96%, 80%
CMY	0.0045, 0.0437, 0.2006
CMYK	0.00, 0.04, 0.20, 0.00
HSL	48°, 96%, 90%
HSV	48°, 20%, 100%
XYZ	84.0063, 90.0078, 69.9823
YIQ	242.4300, 18.8000, -10.3200

Conversions

Conversions Part 2

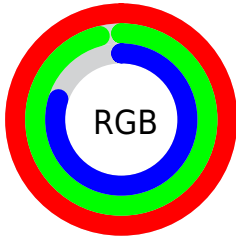
Format	Color
R _Y B	217, 254, 204
Decimal	16708812
CIE Lab	96.00, -2.92, 20.50
CIE LCh	96, 20.711, 98.107
Yxy	90.0078, 0.3443, 0.3689
Android (android.graphics.Color)	4294898892 (0xFFFEF4CC)
YUV	242.4300, -18.9460, 10.1469
Hunter-Lab	94.8724, -7.9710, 22.6757

Details

The CIELCh color **96, 20.711, 98.107** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **86, 21.172, 283.003**, 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, 20.616, 98.176** is the 20% darker color. If you saturate the color by 10%, you get **94, 31.300, 96.906**, and if you desaturate by 10%, it is **98, 10.153, 99.284**.

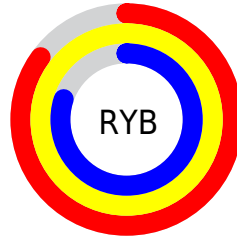
Distribution



Red (100%)

Green (96%)

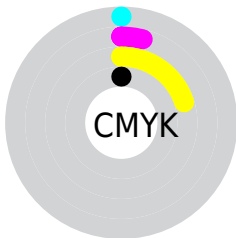
Blue (80%)



Red (85%)

Yellow (100%)

Blue (80%)

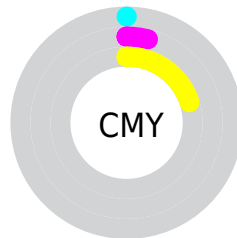


Cyan (0%)

Magenta (4%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (4%)

Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 20.711, 98.107 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, 20.711, 98.107 by changing the saturation by 10% instead.

 96, 20.711, 98.107

 96, 20.711, 98.107

 100, 20.711,
98.107

 86, 20.711, 98.107

 76, 20.711, 98.107

 66, 20.711, 98.107

 56, 20.711, 98.107

 46, 20.711, 98.107

 36, 20.711, 98.107

 26, 20.711, 98.107

 16, 20.711, 98.107

 6, 20.711, 98.107

96, 20.711, 98.107

96, 20.711, 98.107

94, 31.300, 96.906

98, 10.153, 99.284

93, 41.827, 95.672

100, 0.331,
281.013

91, 52.138, 94.421

100, 0.399,
201.040

89, 61.960, 93.156

88, 70.842, 91.874

87, 78.105, 90.553

85, 82.925, 89.146

84, 84.970, 87.591

84, 85.017, 87.543

Harmonies

Complementary

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



96, 20.711, 98.107



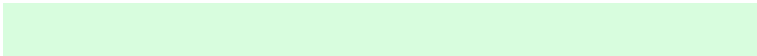
86, 21.172, 283.003

Rectangle

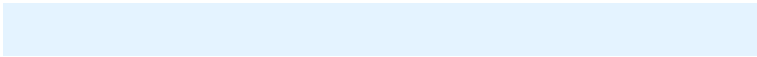
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 20.711, 98.107



96, 20.711, 148.107



96, 20.711, 278.107



96, 20.711, 328.107

Sweetspot

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



96, 20.713, 98.114



99, 6.294, 99.699



87, 19.237, 5.250



53, 4.176, 99.627



0, 0.000, 0.000



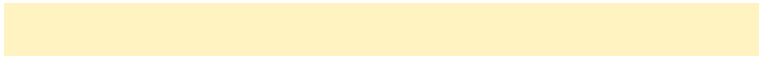
53, 0.007, 296.813

Same Dimension

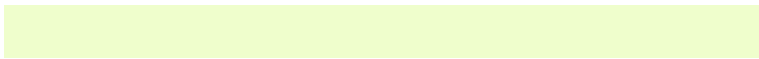
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 20.713, 98.114



96, 25.365, 97.597



97, 25.928, 120.655



52, 5.976, 99.306



65, 68.816, 87.842



22, 30.472, 89.900

Inverse Universe

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



86, 21.172, 283.003



83, 26.065, 283.682



85, 26.944, 303.068



49, 6.046, 281.577



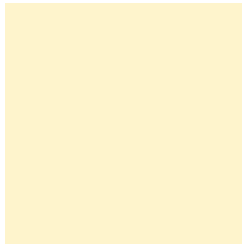
27, 94.475, 302.506



6, 37.657, 297.613

Previews

White Background



This preview shows how the CIE LCh color 96, 20.711, 98.107 looks on a white background.

Color Contrast Check

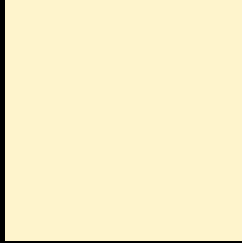
Large Text (above 18pt) WCAG AA × Fail

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, 20.711, 98.107 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

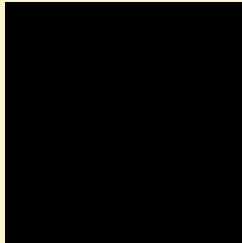
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 20.711, 98.107

Background



This preview shows how black text looks on a background with the CIELCh color 96, 20.711, 98.107.



This preview shows how white text looks on a background with the CIELCh color 96, 20.711, 98.107.

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, 20.711, 98.107

Protanopia

96, 17.410, 93.928

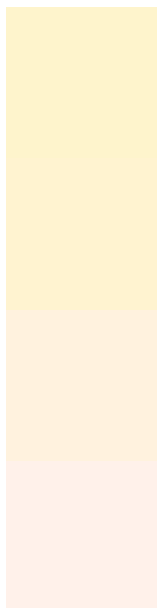
Deuteranopia

96, 6.483, 58.581



Tritanopia
96, 8.376, 332.702

Trichromacy



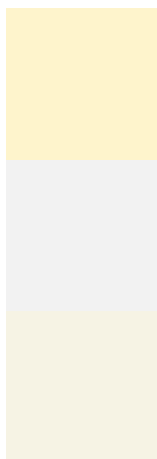
Original Color
96, 20.711, 98.107

Protanomaly
96, 18.398, 94.627

Deuteranomaly
96, 11.260, 84.278

Tritanomaly
96, 6.168, 54.948

Monochromacy



Original Color
96, 20.711, 98.107

Achromatopsia
95, 0.011, 296.813

Achromatomaly
96, 7.728, 101.504

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 20.711, 98.107 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, 204)` looks like.

```
.text, #text, p{  
    color:rgb(254, 244, 204)  
}
```

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, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 244, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 20.711, 98.107 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, 204) }
```

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

```
.border{ border-color:rgb(254, 244, 204) }
```

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, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 244, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 244, 204);  
box-shadow:4px 4px 4px 4px rgb(254, 244,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 20.711, 98.107 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, 204) }
```

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

```
.background{ background-color: rgb(254,  
244, 204) }
```

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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