

Converting Colors

CIELCh(96, 21.067, 97.937)

Have a look what the booklet for
CIELCh(96, 21.067, 97.937) contains.

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Color

CIELCh(96, 21.211, 98.303)

Conversions

Conversions Part 1

Format	Color
Hex	FEF4CB
RGB	254, 244, 203
RGB Percent	100%, 96%, 80%
CMY	0.0043, 0.0435, 0.2043
CMYK	0.00, 0.04, 0.20, 0.00
HSL	48°, 96%, 90%
HSV	48°, 20%, 100%
XYZ	83.9316, 90.0078, 69.3944
YIQ	242.3160, 19.1210, -10.6310

Conversions

Conversions Part 2

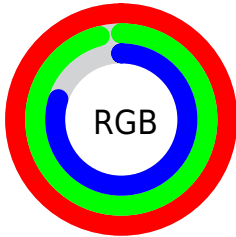
Format	Color
R _Y B	215, 254, 203
Decimal	16708811
CIE Lab	96.00, -3.06, 20.99
CIE LCh	96, 21.211, 98.303
Yxy	90.0078, 0.3449, 0.3699
Android (android.graphics.Color)	4294898891 (0xFFFEF4CB)
YUV	242.3160, -19.3828, 10.2469
Hunter-Lab	94.8724, -8.1116, 23.0430

Details

The CIELCh color **96, 21.211, 98.303** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **86, 21.707, 283.289**, 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, 21.140, 98.361** is the 20% darker color. If you saturate the color by 10%, you get **94, 31.837, 97.105**, and if you desaturate by 10%, it is **98, 10.610, 99.478**.

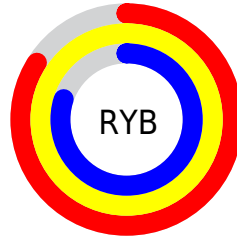
Distribution



Red (100%)

Green (96%)

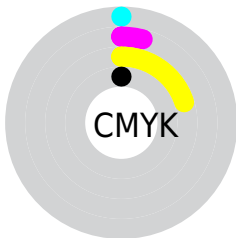
Blue (80%)



Red (84%)

Yellow (100%)

Blue (80%)

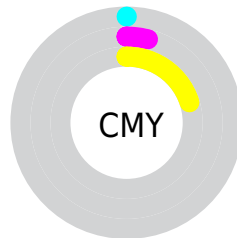


Cyan (0%)

Magenta (4%)

Yellow (20%)

Black (0%)



Cyan (0%)

Magenta (4%)

Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 21.211, 98.303 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, 21.211, 98.303 by changing the saturation by 10% instead.

 96, 21.211, 98.303

 96, 21.211, 98.303

 100, 21.211,
98.303

 86, 21.211, 98.303

 76, 21.211, 98.303

 66, 21.211, 98.303

 56, 21.211, 98.303

 46, 21.211, 98.303

 36, 21.211, 98.303

 26, 21.211, 98.303

 16, 21.211, 98.303

 6, 21.211, 98.303

96, 21.211, 98.303

96, 21.211, 98.303

94, 31.837, 97.105

98, 10.610, 99.478

93, 42.391, 95.876

100, 0.077, 98.219

91, 52.713, 94.631

100, 0.379,
201.129

90, 62.523, 93.374

88, 71.360, 92.102

87, 78.536, 90.794

85, 83.232, 89.405

84, 85.182, 87.891

Harmonies

Complementary

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



96, 21.211, 98.303



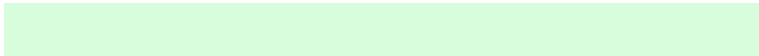
86, 21.707, 283.289

Rectangle

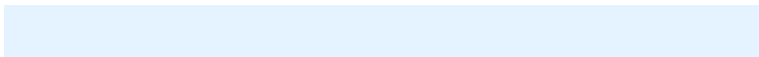
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 21.211, 98.303



96, 21.211, 148.303



96, 21.211, 278.303



96, 21.211, 328.303

Sweetspot

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



96, 21.213, 98.310



99, 6.320, 99.936



86, 19.640, 5.298



53, 4.194, 99.864



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, 21.213, 98.310



96, 25.463, 97.841



97, 26.444, 120.632



52, 6.001, 99.544



65, 68.938, 88.183



22, 30.557, 90.206

Inverse Universe

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



86, 21.707, 283.289



83, 26.186, 283.907



84, 27.502, 303.097



49, 6.073, 281.808



27, 94.871, 302.632



6, 37.801, 297.728

Previews

White Background



This preview shows how the CIE LCh color 96, 21.211, 98.303 looks on a white background.

Color Contrast Check

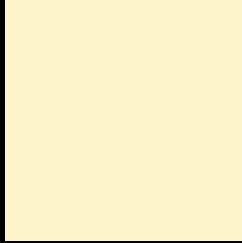
Large Text (above 18pt) WCAG AA × Fail

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, 21.211, 98.303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

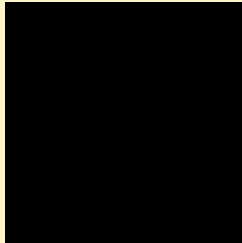
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 21.211, 98.303

Background



This preview shows how black text looks on a background with the CIELCh color 96, 21.211, 98.303.



This preview shows how white text looks on a background with the CIELCh color 96, 21.211, 98.303.

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, 21.211, 98.303

Protanopia

96, 17.904, 94.288

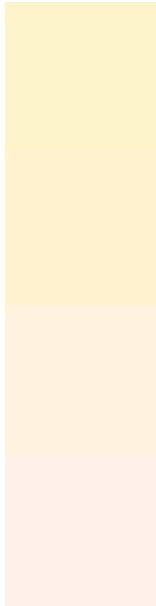
Deuteranopia

96, 6.483, 58.581



Tritanopia
96, 8.376, 332.702

Trichromacy



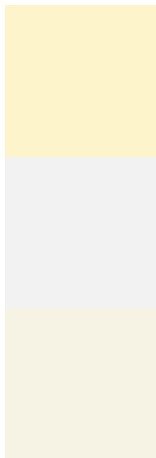
Original Color
96, 21.211, 98.303

Protanomaly
96, 18.894, 94.945

Deuteranomaly
96, 11.260, 84.278

Tritanomaly
96, 6.168, 54.948

Monochromacy



Original Color
96, 21.211, 98.303

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, 21.211, 98.303 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, 203)` looks like.

```
.text, #text, p{  
    color:rgb(254, 244, 203)  
}
```

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, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 244, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 21.211, 98.303 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, 203) }
```

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

```
.border{ border-color:rgb(254, 244, 203) }
```

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, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 244, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 244, 203);  
box-shadow:4px 4px 4px 4px rgb(254, 244,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 21.211, 98.303 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, 203) }
```

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

```
.background{ background-color: rgb(254,  
244, 203) }
```

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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