

Converting Colors

CIELCh(96, 23.495, 99.085)

Have a look what the booklet for
CIELCh(96, 23.495, 99.085) contains.

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Color

CIELCh(96, 23.211, 98.983)

Conversions

Conversions Part 1

Format	Color
Hex	FEF4C7
RGB	254, 244, 199
RGB Percent	100%, 96%, 78%
CMY	0.0034, 0.0426, 0.2191
CMYK	0.00, 0.04, 0.22, 0.00
HSL	49°, 97%, 89%
HSV	49°, 22%, 100%
XYZ	83.6374, 90.0078, 67.0770
YIQ	241.8600, 20.4050, -11.8750

Conversions

Conversions Part 2

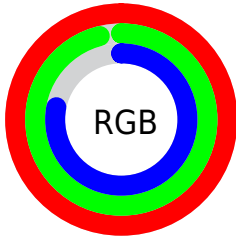
Format	Color
R _Y B	211, 254, 199
Decimal	16708807
CIE Lab	96.00, -3.62, 22.93
CIE LCh	96, 23.211, 98.983
Yxy	90.0078, 0.3474, 0.3739
Android (android.graphics.Color)	4294898887 (0xFFFEF4C7)
YUV	241.8600, -21.1300, 10.6468
Hunter-Lab	94.8724, -8.6652, 24.4913

Details

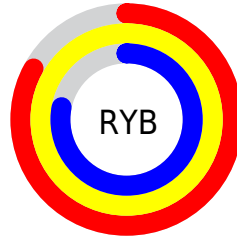
The CIELCh color **96, 23.211, 98.983** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **84, 23.858, 284.334**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 23.233, 98.991** is the 20% darker color. If you saturate the color by 10%, you get **94, 33.968, 97.798**, and if you desaturate by 10%, it is **98, 12.451, 100.150**.

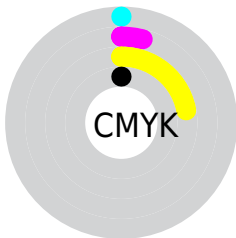
Distribution



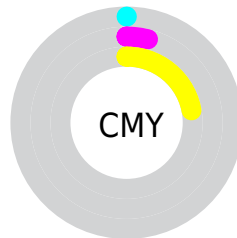
- Red (100%)
- Green (96%)
- Blue (78%)



- Red (83%)
- 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, 23.211, 98.983 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, 23.211, 98.983 by changing the saturation by 10% instead.

 96, 23.211, 98.983

 96, 23.211, 98.983

 100, 23.211,
98.983

 86, 23.211, 98.983

 76, 23.211, 98.983

 66, 23.211, 98.983

 56, 23.211, 98.983

 46, 23.211, 98.983

 36, 23.211, 98.983

 26, 23.211, 98.983

 16, 23.211, 98.983

 6, 23.211, 98.983

96, 23.211, 98.983

96, 23.211, 98.983

94, 33.968, 97.798

98, 12.451,
100.150

93, 44.612, 96.586

99, 1.742, 101.195

91, 54.963, 95.364

100, 0.300,
201.596

90, 64.709, 94.138

89, 73.350, 92.905

87, 80.166, 91.649

86, 84.366, 90.327

85, 85.817, 89.139

Harmonies

Complementary

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



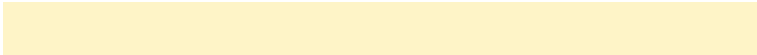
96, 23.211, 98.983



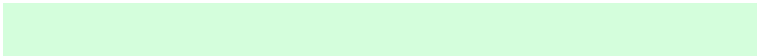
84, 23.858, 284.334

Rectangle

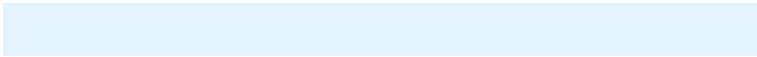
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 23.211, 98.983



96, 23.211, 148.983



96, 23.211, 278.983



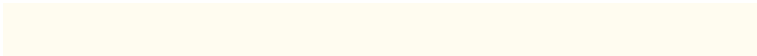
96, 23.211, 328.983

Sweetspot

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



96, 23.213, 98.989



99, 6.416, 100.780



85, 21.172, 6.755



53, 4.258, 100.709



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

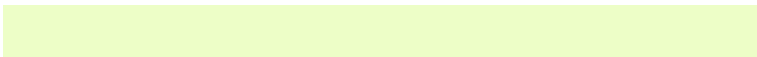
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 23.213, 98.989



96, 27.981, 98.473



97, 28.585, 121.196



52, 6.091, 100.392



66, 69.404, 89.406



22, 30.873, 91.298

Inverse Universe

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



84, 23.858, 284.334



82, 28.939, 285.034



83, 29.799, 303.794



49, 6.170, 282.628



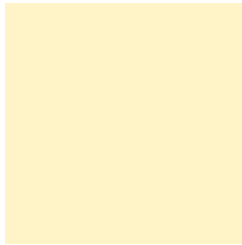
27, 96.269, 303.069



6, 38.307, 298.122

Previews

White Background



This preview shows how the CIE LCh color 96, 23.211, 98.983 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, 23.211, 98.983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

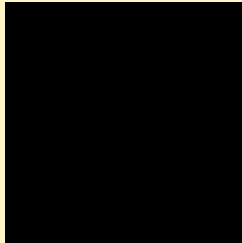
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 23.211, 98.983

Background



This preview shows how black text looks on a background with the CIELCh color 96, 23.211, 98.983.



This preview shows how white text looks on a background with the CIELCh color 96, 23.211, 98.983.

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, 23.211, 98.983

Protanopia

96, 17.904, 94.288

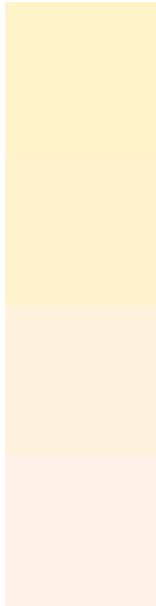
Deuteranopia

96, 6.483, 58.581



Tritanopia
96, 8.376, 332.702

Trichromacy



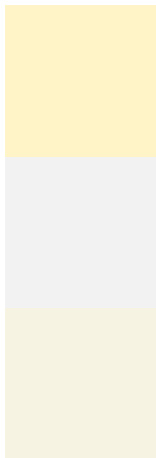
Original Color
96, 23.211, 98.983

Protanomaly
96, 19.886, 95.529

Deuteranomaly
96, 11.728, 85.266

Tritanomaly
96, 6.821, 61.861

Monochromacy



Original Color
96, 23.211, 98.983

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, 23.211, 98.983 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(254, 244, 199)  
}
```

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, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 244, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 23.211, 98.983 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, 199) }
```

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

```
.border{ border-color:rgb(254, 244, 199) }
```

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, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 244, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 244, 199); box-shadow:4px 4px 4px 4px rgb(254, 244, 199) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 23.211, 98.983 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, 199) }
```

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

```
.background{ background-color: rgb(254,  
244, 199) }
```

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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