

Converting Colors

CIELCh(100, 34.823, 66.224)

Have a look what the booklet for
CIELCh(100, 34.823, 66.224)
contains.

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Color

CIELCh(96, 25.772, 98.804)

Conversions

Conversions Part 1

Format	Color
Hex	FFF4C2
RGB	255, 244, 194
RGB Percent	100%, 96%, 76%
CMY	0.0000, 0.0424, 0.2385
CMYK	0.00, 0.04, 0.24, 0.00
HSL	49°, 100%, 88%
HSV	49°, 24%, 100%
XYZ	83.4698, 90.0078, 64.1158
YIQ	241.5890, 22.6060, -13.2180

Conversions

Conversions Part 2

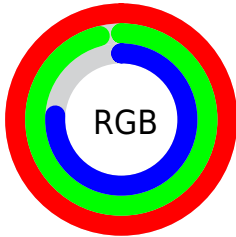
Format	Color
RYB	207, 255, 194
Decimal	16774338
CIELab	96.00, -3.94, 25.47
CIElCh	96, 25.772, 98.804
Yxy	90.0078, 0.3513, 0.3788
Android (android.graphics.Color)	4294964418 (0xFFFFF4C2)
YUV	241.5890, -23.4614, 11.7614
Hunter-Lab	94.8724, -8.9806, 26.3419

Details

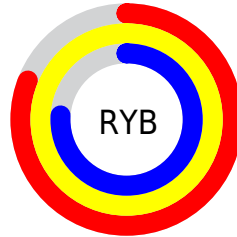
The CIELCh color **96, 25.772, 98.804** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **83, 26.580, 284.901**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 2.017, 109.989**, and **76, 25.908, 98.692** is the 20% darker color. If you saturate the color by 10%, you get **94, 36.568, 97.773**, and if you desaturate by 10%, it is **98, 14.927, 100.129**.

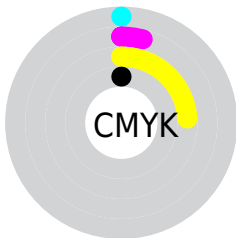
Distribution



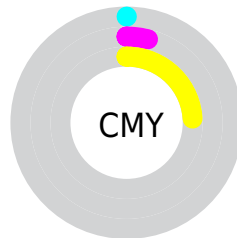
- Red (100%)
- Green (96%)
- Blue (76%)



- Red (81%)
- Yellow (100%)
- Blue (76%)



- Cyan (0%)
- Magenta (4%)
- Yellow (24%)
- Black (0%)



- Cyan (0%)
- Magenta (4%)
- Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 25.772, 98.804 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, 25.772, 98.804 by changing the saturation by 10% instead.

 96, 25.772, 98.804

 96, 25.772, 98.804

 100, 25.772,
98.804

 86, 25.772, 98.804

 76, 25.772, 98.804

 66, 25.772, 98.804

 56, 25.772, 98.804

 46, 25.772, 98.804

 36, 25.772, 98.804

 26, 25.772, 98.804

 16, 25.772, 98.804

 6, 25.772, 98.804

96, 25.772, 98.804

96, 25.772, 98.804

94, 36.568, 97.773

98, 14.927,
100.129

93, 47.225, 96.564

99, 4.129, 101.236

91, 57.523, 95.348

100, 0.012,
296.813

90, 67.112, 94.130

89, 75.439, 92.907

88, 81.746, 91.659

86, 85.284, 90.340

86, 86.206, 89.479

Harmonies

Complementary

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



96, 25.772, 98.804



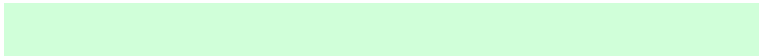
83, 26.580, 284.901

Rectangle

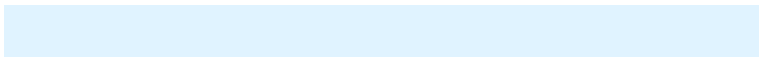
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 25.772, 98.804



96, 25.772, 148.804



96, 25.772, 278.804



96, 25.772, 328.804

Sweetspot

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



96, 25.762, 98.964



99, 7.521, 100.901



84, 23.527, 7.040



53, 4.889, 100.834



0, 0.000, 0.000



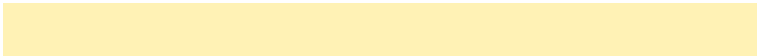
53, 0.007, 296.813

Same Dimension

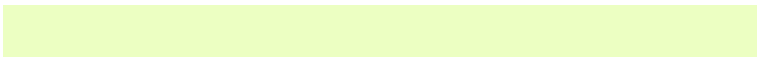
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 25.762, 98.964



95, 31.335, 98.354



97, 31.565, 121.067



52, 6.116, 100.622



66, 69.540, 89.742



22, 30.963, 91.596

Inverse Universe

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



83, 26.580, 284.901



79, 32.589, 285.760



82, 33.056, 303.956



49, 6.197, 282.851



26, 96.645, 303.185



6, 38.444, 298.226

Previews

White Background



This preview shows how the CIE LCh color 96, 25.772, 98.804 looks on a white background.

Color Contrast Check

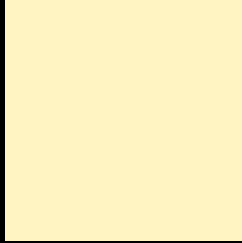
Large Text (above 18pt) WCAG AA × Fail

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, 25.772, 98.804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

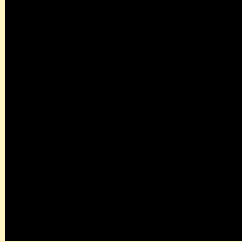
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 25.772, 98.804

Background



This preview shows how black text looks on a background with the CIELCh color 96, 25.772, 98.804.



This preview shows how white text looks on a background with the CIELCh color 96, 25.772, 98.804.

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, 25.772, 98.804

Protanopia

96, 18.398, 94.627

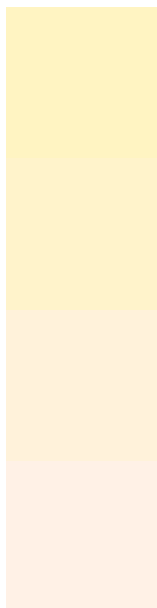
Deuteranopia

96, 6.821, 61.861



Tritanopia
96, 8.008, 335.179

Trichromacy



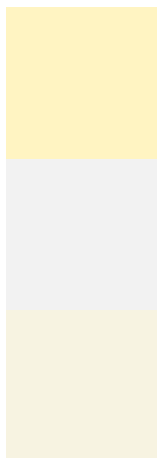
Original Color
96, 25.772, 98.804

Protanomaly
96, 20.879, 96.049

Deuteranomaly
96, 13.151, 87.787

Tritanomaly
96, 7.557, 67.484

Monochromacy



Original Color
96, 25.772, 98.804

Achromatopsia
95, 0.011, 296.813

Achromatomaly
96, 9.296, 100.455

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 25.772, 98.804 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(255, 244, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 244, 194)  
}
```

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(255, 244, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 244, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 25.772, 98.804 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(255, 244, 194) }
```

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

```
.border{ border-color:rgb(255, 244, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 244, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 244, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 244, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 244,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 25.772, 98.804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 244, 194) }
```

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

```
.background{ background-color: rgb(255,  
244, 194) }
```

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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