

Converting Colors

CIELCh(96, 25.180, 97.750)

Have a look what the booklet for
CIELCh(96, 25.180, 97.750) contains.

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Color

CIELCh(96, 25.273, 98.669)

Conversions

Conversions Part 1

Format	Color
Hex	FFF4C3
RGB	255, 244, 195
RGB Percent	100%, 96%, 76%
CMY	0.0000, 0.0426, 0.2348
CMYK	0.00, 0.04, 0.23, 0.00
HSL	49°, 100%, 88%
HSV	49°, 23%, 100%
XYZ	83.5405, 90.0078, 64.6728
YIQ	241.7030, 22.2850, -12.9070

Conversions

Conversions Part 2

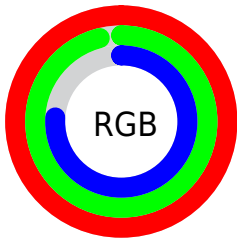
Format	Color
R_{YB}	208, 255, 195
Decimal	16774339
CIE _{Lab}	96.00, -3.81, 24.98
CIE _{LCh}	96, 25.273, 98.669
Yxy	90.0078, 0.3507, 0.3778
Android (android.graphics.Color)	4294964419 (0xFFFFF4C3)
YUV	241.7030, -23.0246, 11.6615
Hunter-Lab	94.8724, -8.8475, 25.9938

Details

The CIELCh color **96, 25.273, 98.669** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **83, 26.037, 284.636**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 1.510, 110.014**, and **76, 25.387, 98.570** is the 20% darker color. If you saturate the color by 10%, you get **94, 36.042, 97.590**, and if you desaturate by 10%, it is **98, 14.469, 99.953**.

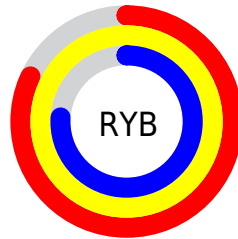
Distribution



Red (100%)

Green (96%)

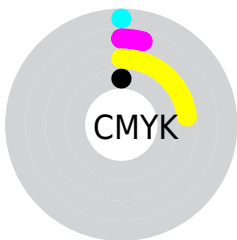
Blue (76%)



Red (82%)

Yellow (100%)

Blue (76%)

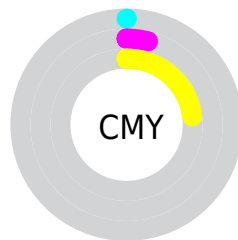


Cyan (0%)

Magenta (4%)

Yellow (23%)

Black (0%)



Cyan (0%)

Magenta (4%)

Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 25.273, 98.669 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, 25.273, 98.669 by changing the saturation by 10% instead.

 96, 25.273, 98.669

 96, 25.273, 98.669

 100, 25.273,
98.669

 86, 25.273, 98.669

 76, 25.273, 98.669

 66, 25.273, 98.669

 56, 25.273, 98.669

 46, 25.273, 98.669

 36, 25.273, 98.669

 26, 25.273, 98.669

 16, 25.273, 98.669

 6, 25.273, 98.669

96, 25.273, 98.669

96, 25.273, 98.669

94, 36.042, 97.590

98, 14.469, 99.953

93, 46.681, 96.376

99, 3.714, 101.057

91, 56.978, 95.153

100, 0.012,
296.813

90, 66.591, 93.926

89, 74.977, 92.691

87, 81.382, 91.428

86, 85.042, 90.088

85, 86.047, 89.157

Harmonies

Complementary

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



96, 25.273, 98.669



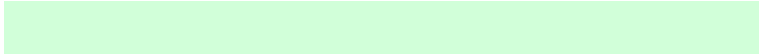
83, 26.037, 284.636

Rectangle

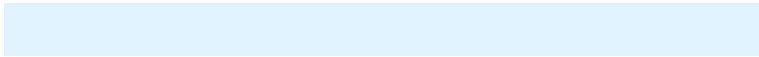
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 25.273, 98.669



96, 25.273, 148.669



96, 25.273, 278.669



96, 25.273, 328.669

Sweetspot

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



96, 25.266, 98.786



99, 7.492, 100.684



84, 23.139, 6.991



53, 4.870, 100.618



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

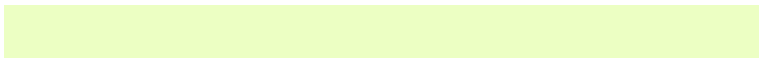
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 25.266, 98.786



95, 30.145, 98.248



97, 31.077, 121.089



52, 6.093, 100.405



66, 69.412, 89.426



22, 30.878, 91.316

Inverse Universe

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



83, 26.037, 284.636



80, 31.275, 285.385



82, 32.520, 303.929



49, 6.172, 282.641



27, 96.291, 303.076



6, 38.316, 298.128

Previews

White Background



This preview shows how the CIE LCh color 96, 25.273, 98.669 looks on a white background.

Color Contrast Check

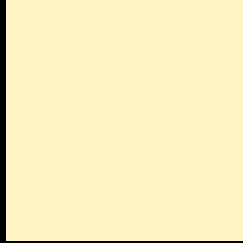
Large Text (above 18pt) WCAG AA × Fail

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, 25.273, 98.669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

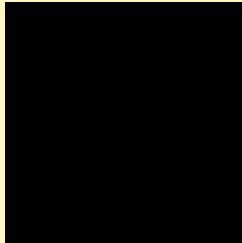
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 25.273, 98.669

Background



This preview shows how black text looks on a background with the CIELCh color 96, 25.273, 98.669.



This preview shows how white text looks on a background with the CIELCh color 96, 25.273, 98.669.

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, 25.273, 98.669

Protanopia

96, 18.398, 94.627

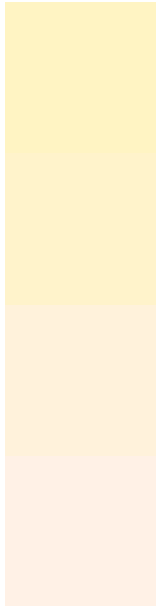
Deuteranopia

96, 6.821, 61.861



Tritanopia
96, 8.008, 335.179

Trichromacy



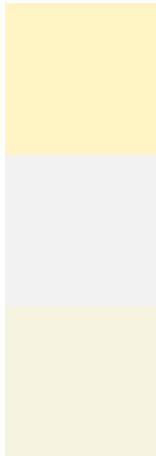
Original Color
96, 25.273, 98.669

Protanomaly
96, 20.879, 96.049

Deuteranomaly
96, 12.674, 87.013

Tritanomaly
96, 7.557, 67.484

Monochromacy



Original Color
96, 25.273, 98.669

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, 25.273, 98.669 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, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 244, 195)  
}
```

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, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 244, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 25.273, 98.669 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, 195) }
```

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

```
.border{ border-color:rgb(255, 244, 195) }
```

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, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 244, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 244, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 244,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 25.273, 98.669 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, 195) }
```

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

```
.background{ background-color: rgb(255,  
244, 195) }
```

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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