

Converting Colors

CIELCh(96, 20.040, 97.597)

Have a look what the booklet for
CIELCh(96, 20.040, 97.597) contains.

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Color

CIELCh(96, 20.211, 97.900)

Conversions

Conversions Part 1

Format	Color
Hex	FEF4CD
RGB	254, 244, 205
RGB Percent	100%, 96%, 80%
CMY	0.0047, 0.0439, 0.1968
CMYK	0.00, 0.04, 0.19, 0.00
HSL	48°, 95%, 90%
HSV	48°, 19%, 100%
XYZ	84.0814, 90.0078, 70.5737
YIQ	242.5440, 18.4790, -10.0090

Conversions

Conversions Part 2

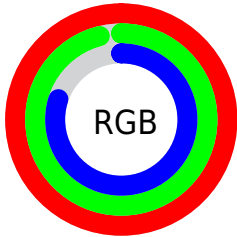
Format	Color
RYB	218, 254, 205
Decimal	16708813
CIELab	96.00, -2.78, 20.02
CIElCh	96, 20.211, 97.900
Yxy	90.0078, 0.3437, 0.3679
Android (android.graphics.Color)	4294898893 (0xFFFEF4CD)
YUV	242.5440, -18.5092, 10.0469
Hunter-Lab	94.8724, -7.8299, 22.3061

Details

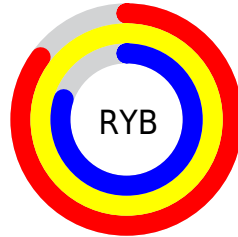
The CIELCh color **96, 20.211, 97.900** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **86, 20.639, 282.706**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 20.093, 97.980** is the 20% darker color. If you saturate the color by 10%, you get **94, 30.761, 96.695**, and if you desaturate by 10%, it is **98, 9.699, 99.079**.

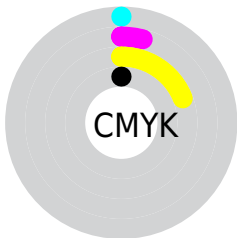
Distribution



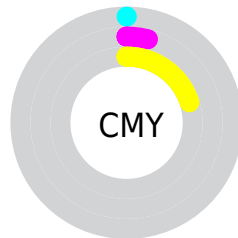
- Red (100%)
- Green (96%)
- Blue (80%)



- Red (85%)
- Yellow (100%)
- Blue (80%)



- Cyan (0%)
- Magenta (4%)
- Yellow (19%)
- Black (0%)



- Cyan (0%)
- Magenta (4%)
- Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 20.211, 97.900 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, 20.211, 97.900 by changing the saturation by 10% instead.

 96, 20.211, 97.900

 96, 20.211, 97.900

 100, 20.211,
97.900

 86, 20.211, 97.900

 76, 20.211, 97.900

 66, 20.211, 97.900

 56, 20.211, 97.900

 46, 20.211, 97.900

 36, 20.211, 97.900

 26, 20.211, 97.900

 16, 20.211, 97.900

 6, 20.211, 97.900

96, 20.211, 97.900

96, 20.211, 97.900

94, 30.761, 96.695

98, 9.699, 99.079

93, 41.260, 95.457

100, 0.457,
274.412

91, 51.558, 94.200

100, 0.419,
200.959

89, 61.390, 92.927

88, 70.315, 91.635

86, 77.664, 90.300

85, 82.609, 88.875

84, 84.742, 87.292

84, 84.850, 87.180

Harmonies

Complementary

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



96, 20.211, 97.900



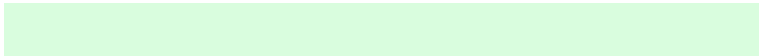
86, 20.639, 282.706

Rectangle

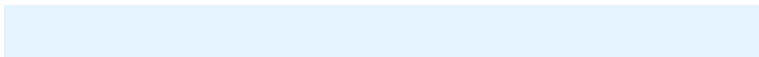
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96, 20.211, 97.900



96, 20.211, 147.900



96, 20.211, 277.900



96, 20.211, 327.900

Sweetspot

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



96, 20.213, 97.907



99, 6.266, 99.451



87, 18.927, 3.952



53, 4.158, 99.379



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

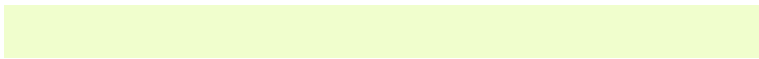
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 20.213, 97.907



96, 24.205, 97.462



97, 25.344, 120.020



52, 5.951, 99.056



65, 68.692, 87.486



22, 30.384, 89.581

Inverse Universe

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



86, 20.639, 282.706



84, 24.822, 283.285



85, 26.336, 302.451



49, 6.019, 281.336



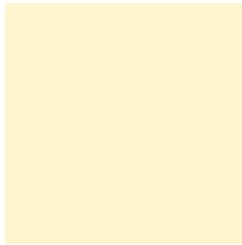
27, 94.059, 302.373



6, 37.505, 297.492

Previews

White Background



This preview shows how the CIE LCh color 96, 20.211, 97.900 looks on a white background.

Color Contrast Check

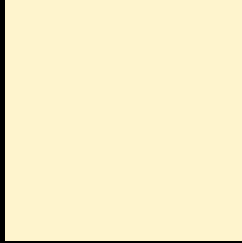
Large Text (above 18pt) WCAG AA × Fail

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, 20.211, 97.900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

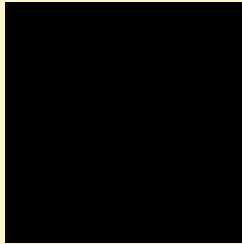
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 20.211, 97.900

Background



This preview shows how black text looks on a background with the CIELCh color 96, 20.211, 97.900.



This preview shows how white text looks on a background with the CIELCh color 96, 20.211, 97.900.

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, 20.211, 97.900

Protanopia

96, 17.410, 93.928

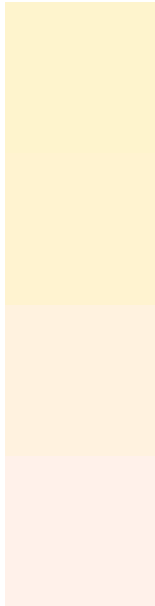
Deuteranopia

96, 6.483, 58.581



Tritanopia
96, 8.376, 332.702

Trichromacy



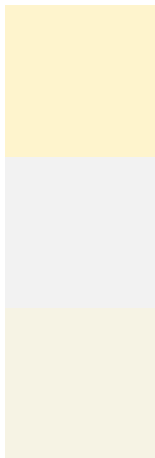
Original Color
96, 20.211, 97.900

Protanomaly
96, 18.398, 94.627

Deuteranomaly
96, 10.796, 83.201

Tritanomaly
96, 6.168, 54.948

Monochromacy



Original Color
96, 20.211, 97.900

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, 20.211, 97.900 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(254, 244, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 244, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 20.211, 97.900 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, 205) }
```

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

```
.border{ border-color:rgb(254, 244, 205) }
```

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, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 244, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 244, 205);  
box-shadow:4px 4px 4px 4px rgb(254, 244,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 20.211, 97.900 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, 205) }
```

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

```
.background{ background-color: rgb(254,  
244, 205) }
```

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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