

Converting Colors

CIELCh(97, 20.273, 110.148)

Have a look what the booklet for
CIELCh(97, 20.273, 110.148)
contains.

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Color

CIElCh(97, 20.312, 109.661)

Conversions

Conversions Part 1

Format	Color
Hex	F8F9D1
RGB	248, 249, 209
RGB Percent	97%, 98%, 82%
CMY	0.0268, 0.0229, 0.1798
CMYK	0.00, 0.00, 0.16, 0.02
HSL	62°, 77%, 90%
HSV	62°, 16%, 98%
XYZ	84.2150, 92.4403, 73.8216
YIQ	244.1410, 12.2440, -12.6520

Conversions

Conversions Part 2

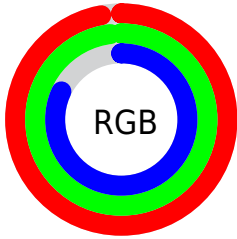
Format	Color
R_{YB}	209, 249, 210
Decimal	16316881
CIE _{Lab}	97.00, -6.83, 19.13
CIE _{LCh}	97, 20.312, 109.661
Yxy	92.4403, 0.3362, 0.3691
Android (android.graphics.Color)	4294506961 (0xFFFF8F9D1)
YUV	244.1410, -17.3245, 3.3843
Hunter-Lab	96.1459, -11.9056, 21.7787

Details

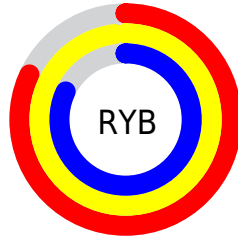
The CIELCh color **97, 20.312, 109.661** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **85, 21.081, 292.859**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 20.761, 110.416** is the 20% darker color. If you saturate the color by 10%, you get **96, 32.814, 108.728**, and if you desaturate by 10%, it is **98, 7.676, 110.598**.

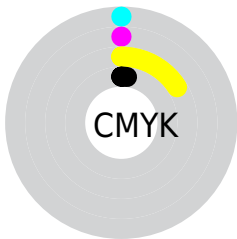
Distribution



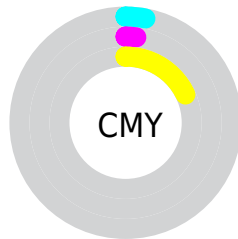
- Red (97%)
- Green (98%)
- Blue (82%)



- Red (82%)
- Yellow (98%)
- Blue (82%)



- Cyan (0%)
- Magenta (0%)
- Yellow (16%)
- Black (2%)





- Cyan (3%)
- Magenta (2%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 97, 20.312, 109.661 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 97, 20.312, 109.661 by changing the saturation by 10% instead.


 97, 20.312,
109.661


 97, 20.312,
109.661


 100, 20.312,
109.661


 87, 20.312,
109.661

 77, 20.312,
109.661

 67, 20.312,
109.661

 57, 20.312,
109.661

 47, 20.312,
109.661

 37, 20.312,
109.661

 27, 20.312,

109.661

■ 17, 20.312,
109.661

■ 7, 20.312, 109.661

■ 97, 20.312,
109.661

■ 97, 20.312,
109.661

■ 96, 32.814,
108.728

■ 98, 7.676, 110.598

■ 96, 45.052,
107.805

■ 98, 2.991, 292.068

■ 98, 3.008, 296.206

■ 96, 56.835,
106.921

■ 98, 3.041, 300.281

■ 95, 67.868,
106.109

■ 98, 3.088, 304.254

■ 98, 3.150, 308.095

■ 95, 77.717,
105.410

■ 98, 3.225, 311.776

■ 95, 85.809,
104.870

■ 98, 3.314, 315.279

■ 95, 91.545,
104.536

■ 98, 3.413, 318.594

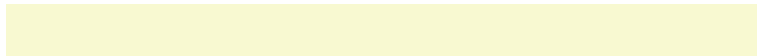
■ 95, 94.585,
104.433

■ 95, 95.279,
104.436

Harmonies

Complementary

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



97, 20.312, 109.661



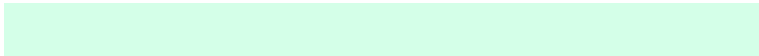
85, 21.081, 292.859

Rectangle

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



97, 20.312, 109.661



97, 20.312, 159.661



97, 20.312, 289.661



97, 20.312, 339.661

Sweetspot

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



97, 20.314, 109.666



100, 6.455, 110.694



87, 14.705, 21.805



53, 4.405, 110.630



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

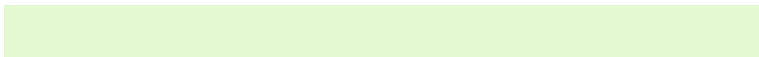
The Same Dimension uses a secret algorithm to generate beautiful new colors.



97, 20.314, 109.666



99, 24.466, 109.388



96, 21.788, 128.932



52, 7.220, 110.280



74, 77.323, 104.409



25, 34.380, 104.467

Inverse Universe

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



85, 21.081, 292.859



84, 25.574, 293.222



87, 22.257, 310.377



48, 7.383, 292.116



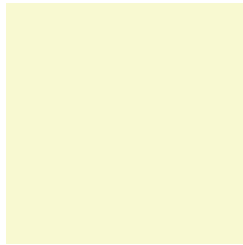
23, 106.582, 306.359



3, 42.100, 301.369

Previews

White Background



This preview shows how the CIE LCh color 97, 20.312, 109.661 looks on a white background.

Color Contrast Check

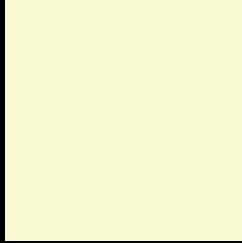
Large Text (above 18pt) WCAG AA × Fail

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 97, 20.312, 109.661 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

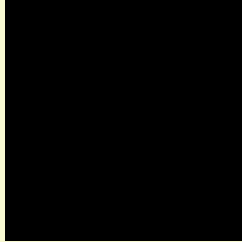
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 20.312, 109.661

Background



This preview shows how black text looks on a background with the CIELCh color 97, 20.312, 109.661.

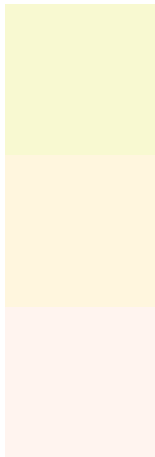


This preview shows how white text looks on a background with the CIELCh color 97, 20.312, 109.661.

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
97, 20.312, 109.661

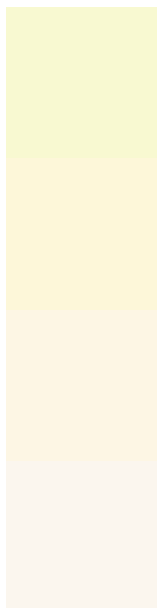
Protanopia
97, 12.646, 94.080

Deuteranopia
97, 4.670, 52.533



Tritanopia
97, 6.317, 316.737

Trichromacy



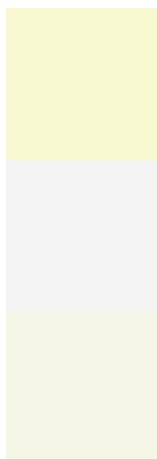
Original Color
97, 20.312, 109.661

Protanomaly
97, 15.412, 100.731

Deuteranomaly
97, 9.499, 93.932

Tritanomaly
97, 4.431, 86.076

Monochromacy



Original Color
97, 20.312, 109.661

Achromatopsia
96, 0.011, 296.813

Achromatomaly
97, 7.645, 109.580

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 20.312, 109.661 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(248, 249, 209)` looks like.

```
.text, #text, p{  
    color:rgb(248, 249, 209)  
}
```

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(248, 249, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 249, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 20.312, 109.661 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(248, 249, 209) }
```

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

```
.border{ border-color:rgb(248, 249, 209) }
```

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

Here you see how a box with a 4 pixel rgb(248, 249, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 249, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 249, 209);  
box-shadow:4px 4px 4px 4px rgb(248, 249,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 20.312, 109.661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 249, 209) }
```

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

```
.background{ background-color: rgb(248,  
249, 209) }
```

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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