

Converting Colors

CIELCh(97, 3.185, 63.290)

Have a look what the booklet for
CIELCh(97, 3.185, 63.290) contains.

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Color

CIELCh(97, 3.200, 58.880)

Conversions

Conversions Part 1

Format	Color
Hex	FCF5F1
RGB	252, 245, 241
RGB Percent	99%, 96%, 95%
CMY	0.0113, 0.0388, 0.0545
CMYK	0.00, 0.03, 0.04, 0.01
HSL	22°, 66%, 97%
HSV	22°, 4%, 99%
XYZ	88.7598, 92.4403, 96.4654
YIQ	246.6370, 5.4560, 0.2400

Conversions

Conversions Part 2

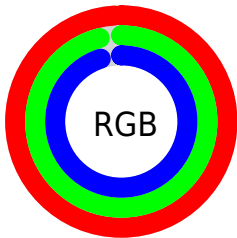
Format	Color
R _Y B	252, 247, 241
Decimal	16578033
CIE Lab	97.00, 1.65, 2.74
CIE LCh	97, 3.200, 58.880
Yxy	92.4403, 0.3197, 0.3329
Android (android.graphics.Color)	4294768113 (0xFFFCF5F1)
YUV	246.6370, -2.7790, 4.7034
Hunter-Lab	96.1459, -3.4680, 7.8151

Details

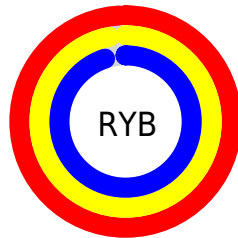
The CIELCh color **97, 3.200, 58.880** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **97, 3.148, 240.093**, and the grayscale version is **97, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **77, 3.086, 63.238** is the 20% darker color. If you saturate the color by 10%, you get **92, 10.907, 58.152**, and if you desaturate by 10%, it is **100, 1.005, 200.001**.

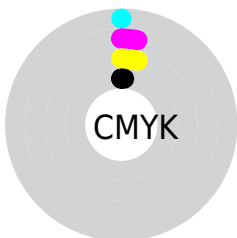
Distribution



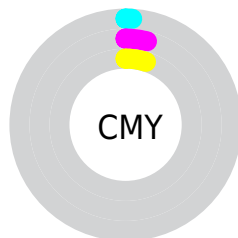
- Red (99%)
- Green (96%)
- Blue (95%)



- Red (99%)
- Yellow (97%)
- Blue (95%)



- Cyan (0%)
- Magenta (3%)
- Yellow (4%)
- Black (1%)



- Cyan (1%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 97, 3.200, 58.880 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, 3.200, 58.880 by changing the saturation by 10% instead.

 97, 3.200, 58.880

 97, 3.200, 58.880

 100, 3.200, 58.880

 87, 3.200, 58.880

 77, 3.200, 58.880

 67, 3.200, 58.880

 57, 3.200, 58.880

 47, 3.200, 58.880

 37, 3.200, 58.880

 27, 3.200, 58.880

 17, 3.200, 58.880

 7, 3.200, 58.880

97, 3.200, 58.880

97, 3.200, 58.880

92, 10.907, 58.152

100, 1.005,
200.001

88, 19.158, 57.309

84, 28.000, 56.503

79, 37.459, 55.758

75, 47.518, 55.081

71, 58.066, 54.452

68, 68.801, 53.795

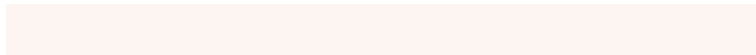
65, 79.032, 52.900

62, 87.429, 51.336

Harmonies

Complementary

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



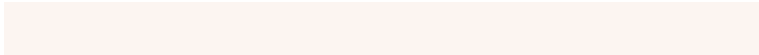
97, 3.200, 58.880



97, 3.148, 240.093

Rectangle

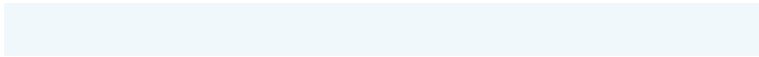
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



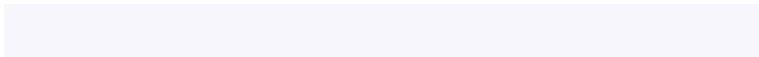
97, 3.200, 58.880



97, 3.200, 108.880



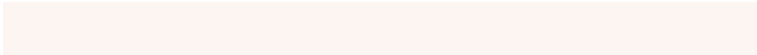
97, 3.200, 238.880



97, 3.200, 288.880

Sweetspot

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



97, 3.200, 58.929



100, 0.727, 58.638



96, 5.363, 336.613



53, 0.413, 58.601



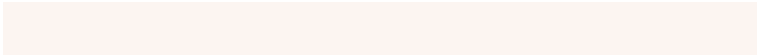
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



97, 3.200, 58.929



98, 3.710, 58.893



98, 4.776, 102.742



51, 2.496, 58.849



46, 72.832, 50.818



13, 26.581, 48.609

Inverse Universe

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



97, 3.148, 240.093



98, 3.637, 240.135



96, 4.826, 283.767



51, 2.438, 240.187



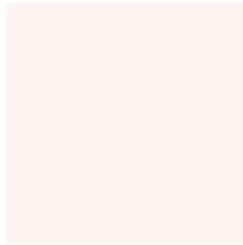
48, 43.802, 267.156



14, 18.218, 259.514

Previews

White Background



This preview shows how the CIE LCh color 97, 3.200, 58.880 looks on a white background.

Color Contrast Check

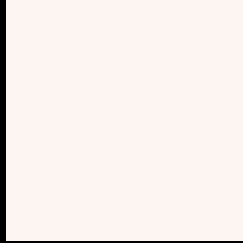
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 97, 3.200, 58.880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

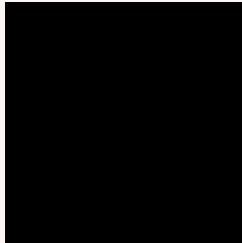
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 97, 3.200, 58.880

Background



This preview shows how black text looks on a background with the CIELCh color 97, 3.200, 58.880.

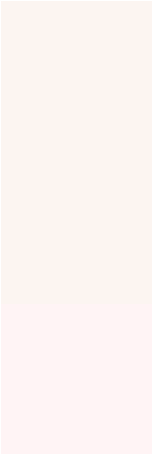


This preview shows how white text looks on a background with the CIELCh color 97, 3.200, 58.880.

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, 3.200, 58.880

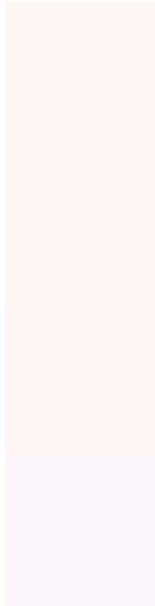
Protanopia
97, 3.200, 58.880

Deuteranopia
97, 3.938, 12.069



Tritanopia
97, 6.168, 313.832

Trichromacy



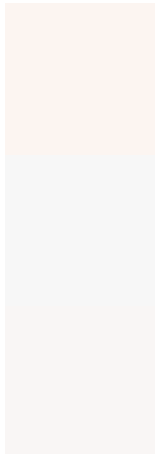
Original Color
97, 3.200, 58.880

Protanomaly
97, 3.200, 58.880

Deuteranomaly
97, 3.548, 19.459

Tritanomaly
97, 3.960, 328.690

Monochromacy



Original Color
97, 3.200, 58.880

Achromatopsia
97, 0.011, 296.813

Achromatomaly
97, 1.166, 44.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 97, 3.200, 58.880 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(252, 245, 241)` looks like.

```
.text, #text, p{  
    color:rgb(252, 245, 241)  
}
```

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(252, 245, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 245, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 97, 3.200, 58.880 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(252, 245, 241) }
```

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

```
.border{ border-color:rgb(252, 245, 241) }
```

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

Here you see how a box with a 4 pixel rgb(252, 245, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 245, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 245, 241);  
box-shadow:4px 4px 4px 4px rgb(252, 245,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 97, 3.200, 58.880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 245, 241) }
```

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

```
.background{ background-color: rgb(252,  
245, 241) }
```

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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