

Converting Colors

CIELCh(100, 9.687, 29.477)

Have a look what the booklet for
CIELCh(100, 9.687, 29.477) contains.

CIELCh(98, 2.597, 55.190)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(98, 2.597, 55.190)

Conversions

Conversions Part 1

Format	Color
Hex	FEF8F5
RGB	254, 248, 245
RGB Percent	100%, 97%, 96%
CMY	0.0034, 0.0269, 0.0387
CMYK	0.00, 0.02, 0.04, 0.00
HSL	20°, 84%, 98%
HSV	20°, 4%, 100%
XYZ	91.0341, 94.9163, 100.0206
YIQ	249.4520, 4.5390, 0.3390

Conversions

Conversions Part 2

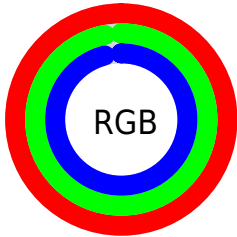
Format	Color
R _Y B	254, 250, 245
Decimal	16709877
CIE Lab	98.00, 1.48, 2.13
CIE LCh	98, 2.597, 55.190
Yxy	94.9163, 0.3183, 0.3319
Android (android.graphics.Color)	4294899957 (0xFFFEF8F5)
YUV	249.4520, -2.1948, 3.9886
Hunter-Lab	97.4250, -3.7030, 7.3279

Details

The CIELCh color **98, 2.597, 55.190** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **98, 2.562, 236.281**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 2.439, 60.283** is the 20% darker color. If you saturate the color by 10%, you get **93, 10.310, 54.634**, and if you desaturate by 10%, it is **100, 0.300, 201.592**.

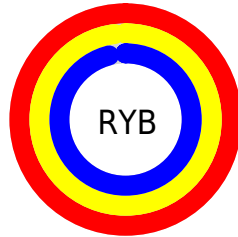
Distribution



Red (100%)

Green (97%)

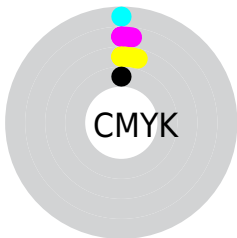
Blue (96%)



Red (100%)

Yellow (98%)

Blue (96%)

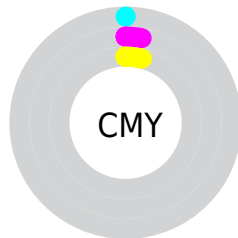


Cyan (0%)

Magenta (2%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (3%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 2.597, 55.190 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 98, 2.597, 55.190 by changing the saturation by 10% instead.

 98, 2.597, 55.190

 98, 2.597, 55.190

 100, 2.597, 55.190

 88, 2.597, 55.190

 78, 2.597, 55.190

 68, 2.597, 55.190

 58, 2.597, 55.190

 48, 2.597, 55.190

 38, 2.597, 55.190

 28, 2.597, 55.190

 18, 2.597, 55.190

 8, 2.597, 55.190

98, 2.597, 55.190

98, 2.597, 55.190

93, 10.310, 54.634

100, 0.300,
201.592

89, 18.598, 53.922

84, 27.512, 53.261

80, 37.085, 52.680

75, 47.307, 52.191

71, 58.083, 51.784

68, 69.137, 51.390

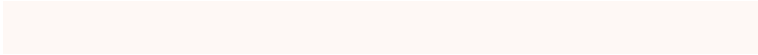
64, 79.817, 50.815

61, 88.803, 49.624

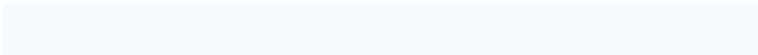
Harmonies

Complementary

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



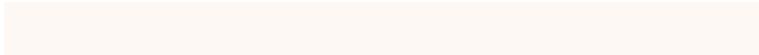
98, 2.597, 55.190



98, 2.562, 236.281

Rectangle

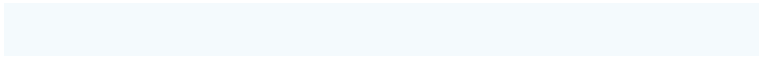
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



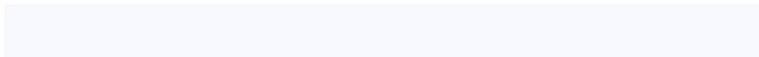
98, 2.597, 55.190



98, 2.597, 105.190



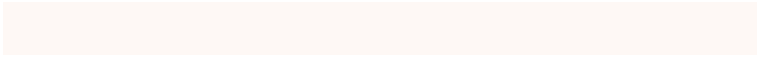
98, 2.597, 235.190



98, 2.597, 285.190

Sweetspot

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



98, 2.597, 55.250



100, 0.725, 54.873



97, 4.428, 335.820



53, 0.412, 54.835



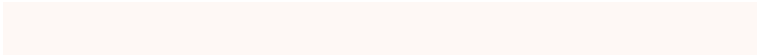
0, 0.000, 0.000



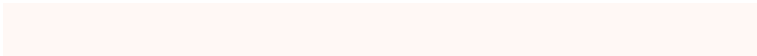
53, 0.007, 296.813

Same Dimension

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



98, 2.597, 55.250



98, 2.949, 55.240



99, 3.827, 101.901



52, 2.102, 55.211



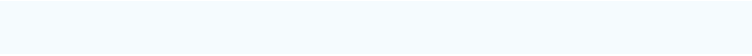
45, 74.832, 49.068



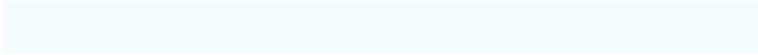
13, 28.132, 46.477

Inverse Universe

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



98, 2.562, 236.281



98, 2.901, 236.295



97, 3.865, 282.774



52, 2.059, 236.331



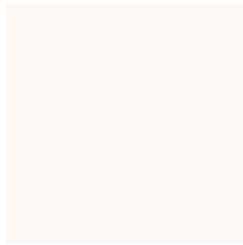
51, 41.830, 262.290



16, 17.987, 255.063

Previews

White Background



This preview shows how the CIELCh color 98, 2.597, 55.190 looks on a white background.

Color Contrast Check

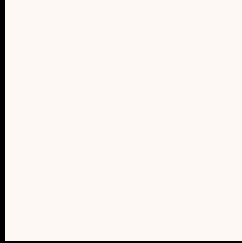
Large Text (above 18pt) WCAG AA × Fail

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 98, 2.597, 55.190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

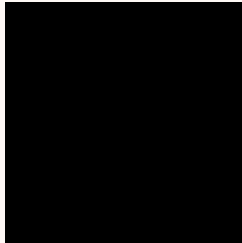
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 2.597, 55.190

Background



This preview shows how black text looks on a background with the CIELCh color 98, 2.597, 55.190.



This preview shows how white text looks on a background with the CIELCh color 98, 2.597, 55.190.

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
98, 2.599, 55.190

Protanopia
98, 2.599, 55.190

Deuteranopia
98, 2.526, 7.689

Tritanopia
98, 3.859, 311.595

Trichromacy

A vertical color bar on the left side of the page, divided into four horizontal segments. The top segment is a light orange color, the second is a slightly lighter orange, the third is a very light pink, and the bottom is a pale pink. The text labels and values are positioned to the right of this bar.

Original Color

98, 2.599, 55.190

Protanomaly

98, 2.599, 55.190

Deuteranomaly

98, 2.470, 19.304

Tritanomaly

98, 2.348, 338.592

Monochromacy

A vertical color bar on the left side of the page, divided into two horizontal segments. The top segment is a light orange color, and the bottom segment is a light blue color. The text labels and values are positioned to the right of this bar.

Original Color

98, 2.599, 55.190

Achromatopsia

98, 0.011, 296.813

Achromatomaly

98, 1.163, 44.808

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 2.597, 55.190 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, 248, 245)` looks like.

```
.text, #text, p{  
    color:rgb(254, 248, 245)  
}
```

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, 248, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 248, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 2.597, 55.190 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, 248, 245) }
```

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

```
.border{ border-color:rgb(254, 248, 245) }
```

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

Here you see how a box with a 4 pixel rgb(254, 248, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 248, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 248, 245);  
box-shadow:4px 4px 4px 4px rgb(254, 248,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 2.597, 55.190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 248, 245) }
```

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

```
.background{ background-color: rgb(254,  
248, 245) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor