

Converting Colors

CIELCh(98, 2.030, 19.216)

Have a look what the booklet for
CIELCh(98, 2.030, 19.216) contains.

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Color

CIECh(98, 2.116, 19.237)

Conversions

Conversions Part 1

Format	Color
Hex	FEF8F8
RGB	254, 248, 248
RGB Percent	100%, 97%, 97%
CMY	0.0042, 0.0277, 0.0277
CMYK	0.00, 0.02, 0.02, 0.00
HSL	0°, 74%, 98%
HSV	0°, 2%, 100%
XYZ	91.3199, 94.9163, 102.2518
YIQ	249.7940, 3.5760, 1.2720

Conversions

Conversions Part 2

Format	Color
RYB	254, 248, 248
Decimal	16709880
CIELab	98.00, 2.00, 0.70
CIELCh	98, 2.116, 19.237
Yxy	94.9163, 0.3165, 0.3290
Android (android.graphics.Color)	4294899960 (0xFFFEF8F8)
YUV	249.7940, -0.8844, 3.6887
Hunter-Lab	97.4250, -3.1793, 5.9700

Details

The CIELCh color **98, 2.116, 19.237** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **99, 2.081, 199.650**, 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, 1.850, 19.263** is the 20% darker color. If you saturate the color by 10%, you get **91, 11.508, 20.231**, and if you desaturate by 10%, it is **100, 0.373, 201.156**.

Distribution



Red (100%)

Green (97%)

Blue (97%)



Red (100%)

Yellow (97%)

Blue (97%)



Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (0%)



Cyan (0%)












Magenta (3%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 2.116, 19.237 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, 2.116, 19.237 by changing the saturation by 10% instead.

 98, 2.116, 19.237	 98, 2.116, 19.237
 100, 2.116, 19.237	 88, 2.116, 19.237
	 78, 2.116, 19.237
	 68, 2.116, 19.237
	 58, 2.116, 19.237
	 48, 2.116, 19.237
	 38, 2.116, 19.237
	 28, 2.116, 19.237
	 18, 2.116, 19.237
	 8, 2.116, 19.237

98, 2.116, 19.237

98, 2.116, 19.237

91, 11.508, 20.231

100, 0.373,
201.156

85, 21.656, 21.140

78, 32.554, 22.302

72, 44.121, 23.820

67, 56.170, 25.807

62, 68.394, 28.371

58, 80.355, 31.550

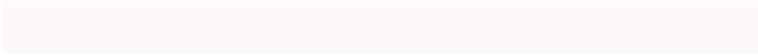
55, 91.392, 35.143

54, 100.122,
38.388

Harmonies

Complementary

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



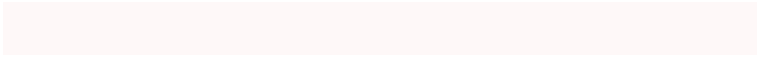
98, 2.116, 19.237



99, 2.081, 199.650

Rectangle

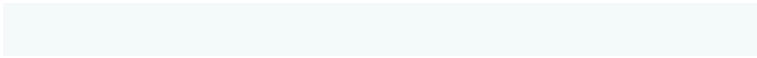
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



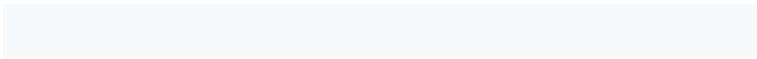
98, 2.116, 19.237



98, 2.116, 69.237



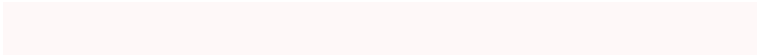
98, 2.116, 199.237



98, 2.116, 249.237

Sweetspot

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



98, 2.114, 19.296



99, 0.894, 18.787



98, 3.738, 324.490



53, 0.508, 18.745



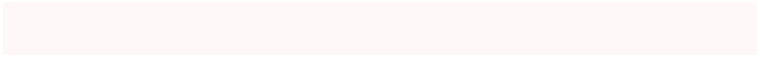
0, 0.000, 0.000



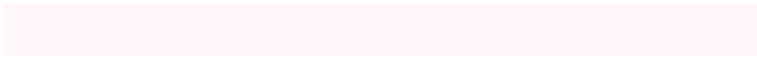
53, 0.007, 296.813

Same Dimension

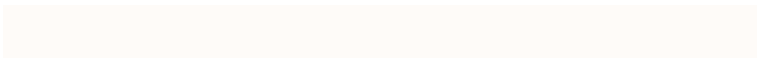
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 2.114, 19.296



98, 2.700, 19.401



99, 1.838, 74.893



52, 2.053, 19.503



40, 84.220, 40.007



10, 33.352, 27.211

Inverse Universe

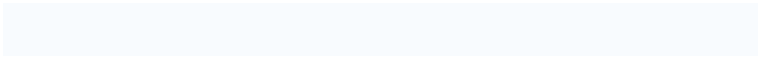
The Inverse Universe completely reimagines the original color for something new.



99, 2.081, 199.650



99, 2.648, 199.548



98, 1.844, 255.948



53, 2.004, 199.451



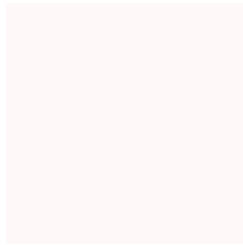
70, 40.323, 196.497



24, 18.553, 196.483

Previews

White Background



This preview shows how the CIE LCh color 98, 2.116, 19.237 looks on a white background.

Color Contrast Check

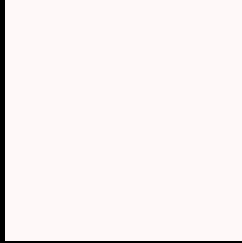
Large Text (above 18pt) WCAG AA × Fail

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, 2.116, 19.237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

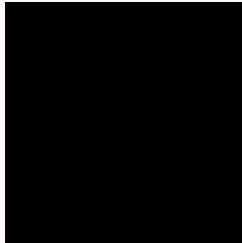
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 2.116, 19.237

Background



This preview shows how black text looks on a background with the CIELCh color 98, 2.116, 19.237.



This preview shows how white text looks on a background with the CIELCh color 98, 2.116, 19.237.

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, 2.116, 19.237

Protanopia

98, 2.116, 19.237

Deuteranopia

98, 3.011, 359.612

Tritanopia
98, 3.859, 311.595

Trichromacy



Original Color

98, 2.116, 19.237

Protanomaly

98, 2.116, 19.237

Deuteranomaly

98, 3.011, 359.612

Tritanomaly

98, 2.713, 330.516

Monochromacy



Original Color

98, 2.116, 19.237

Achromatopsia

98, 0.011, 296.813

Achromatomaly

98, 0.704, 18.526

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 2.116, 19.237 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, 248)` looks like.

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

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, 248) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 98, 2.116, 19.237 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, 248) }
```

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

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

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, 248) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 98, 2.116, 19.237 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, 248) }
```

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

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

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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