

Converting Colors

CIELCh(98, 2.061, 62.857)

Have a look what the booklet for
CIELCh(98, 2.061, 62.857) contains.

CIELCh(98, 2.062, 66.765)	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, 2.062, 66.765)

Conversions

Conversions Part 1

Format	Color
Hex	FDF9F6
RGB	253, 249, 246
RGB Percent	99%, 98%, 96%
CMY	0.0095, 0.0252, 0.0370
CMYK	0.00, 0.02, 0.03, 0.01
HSL	26°, 59%, 98%
HSV	26°, 3%, 99%
XYZ	90.6638, 94.9163, 100.3876
YIQ	249.8540, 3.3470, -0.0850

Conversions

Conversions Part 2

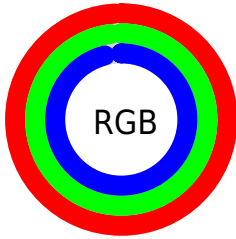
Format	Color
R _Y B	253, 251, 246
Decimal	16644598
CIE Lab	98.00, 0.81, 1.89
CIE LCh	98, 2.062, 66.765
Yxy	94.9163, 0.3170, 0.3319
Android (android.graphics.Color)	4294834678 (0xFFFD9F6)
YUV	249.8540, -1.9000, 2.7590
Hunter-Lab	97.4250, -4.3813, 7.1045

Details

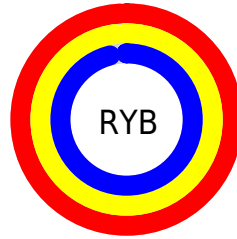
The CIELCh color **98, 2.062, 66.765** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **98, 2.057, 247.940**, and the grayscale version is **98, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **78, 1.934, 74.866** is the 20% darker color. If you saturate the color by 10%, you get **94, 9.810, 65.927**, and if you desaturate by 10%, it is **100, 0.844, 200.137**.

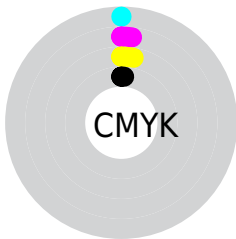
Distribution



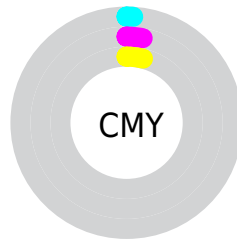
- Red (99%)
- Green (98%)
- Blue (96%)



- Red (99%)
- Yellow (98%)
- Blue (96%)



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (1%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 2.062, 66.765 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, 2.062, 66.765 by changing the saturation by 10% instead.

 98, 2.062, 66.765

 98, 2.062, 66.765

 100, 2.062, 66.765

 88, 2.062, 66.765

 78, 2.062, 66.765

 68, 2.062, 66.765

 58, 2.062, 66.765

 48, 2.062, 66.765

 38, 2.062, 66.765

 28, 2.062, 66.765

 18, 2.062, 66.765

 8, 2.062, 66.765

98, 2.062, 66.765

98, 2.062, 66.765

94, 9.810, 65.927

100, 0.844,
200.137

90, 18.021, 64.850

86, 26.735, 63.773

82, 35.970, 62.715

78, 45.703, 61.679

74, 55.825, 60.644

71, 66.047, 59.539

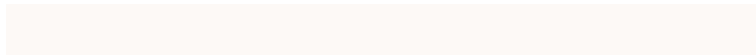
68, 75.733, 58.188

65, 83.716, 56.238

Harmonies

Complementary

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



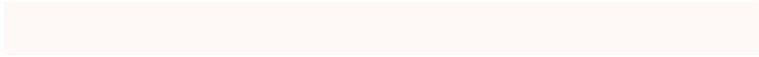
98, 2.062, 66.765



98, 2.057, 247.940

Rectangle

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



98, 2.062, 66.765



98, 2.062, 116.765



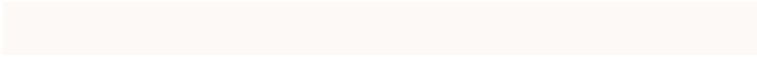
98, 2.062, 246.765



98, 2.062, 296.765

Sweetspot

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



98, 2.062, 66.839



100, 0.742, 66.594



97, 3.248, 339.492



53, 0.422, 66.563



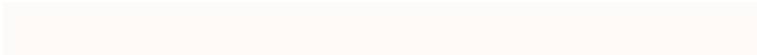
0, 0.000, 0.000



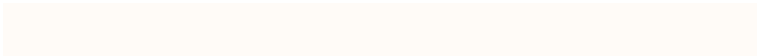
53, 0.007, 296.813

Same Dimension

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



98, 2.062, 66.839



99, 2.253, 66.832



99, 3.253, 106.278



52, 1.713, 66.792



48, 71.031, 55.047



15, 27.253, 54.916

Inverse Universe

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



98, 2.057, 247.940



99, 2.244, 247.949



97, 3.291, 286.923



52, 1.698, 247.995



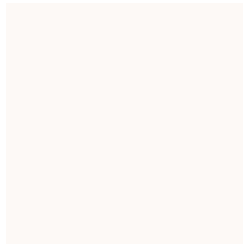
45, 50.468, 276.319



14, 20.915, 269.269

Previews

White Background



This preview shows how the CIE LCh color 98, 2.062, 66.765 looks on a white background.

Color Contrast Check

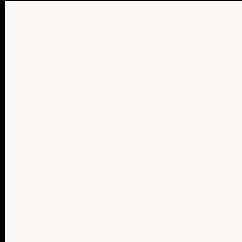
Large Text (above 18pt) WCAG AA × Fail

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, 2.062, 66.765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

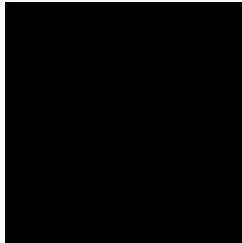
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 98, 2.062, 66.765

Background



This preview shows how black text looks on a background with the CIELCh color 98, 2.062, 66.765.



This preview shows how white text looks on a background with the CIELCh color 98, 2.062, 66.765.

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, 2.062, 66.765

Protanopia

98, 2.599, 55.190

Deuteranopia

98, 3.011, 359.612

Tritanopia
98, 3.859, 311.595

Trichromacy

A vertical color gradient bar on the left side of the page, transitioning from a light orange at the top to a light purple at the bottom.

Original Color

98, 2.062, 66.765

Protanomaly

98, 2.320, 60.313

Deuteranomaly

98, 2.116, 19.237

Tritanomaly

98, 2.498, 324.407

Monochromacy

A vertical color gradient bar on the left side of the page, transitioning from a light orange at the top to a light grey at the bottom.

Original Color

98, 2.062, 66.765

Achromatopsia

98, 0.011, 296.813

Achromatomaly

98, 0.607, 74.606

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 2.062, 66.765 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(253, 249, 246)` looks like.

```
.text, #text, p{  
    color:rgb(253, 249, 246)  
}
```

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(253, 249, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 249, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 2.062, 66.765 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(253, 249, 246) }
```

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

```
.border{ border-color:rgb(253, 249, 246) }
```

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

Here you see how a box with a 4 pixel rgb(253, 249, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 249, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 249, 246);  
box-shadow:4px 4px 4px 4px rgb(253, 249,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 2.062, 66.765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 249, 246) }
```

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

```
.background{ background-color: rgb(253,  
249, 246) }
```

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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