

Converting Colors

CIELCh(98, 1.563, 18.756)

Have a look what the booklet for
CIELCh(98, 1.563, 18.756) contains.

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Color

CIELCh(98, 1.762, 19.152)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FDF8F8 |
| RGB | 253, 248, 248 |
| RGB Percent | 99%, 97%, 97% |
| CMY | 0.0073, 0.0269, 0.0269 |
| CMYK | 0.00, 0.02, 0.02, 0.01 |
| HSL | 0°, 57%, 98% |
| HSV | 0°, 2%, 99% |
| XYZ | 91.1349, 94.9163, 102.4385 |
| YIQ | 249.4950, 2.9800, 1.0600 |

Conversions

Conversions Part 2

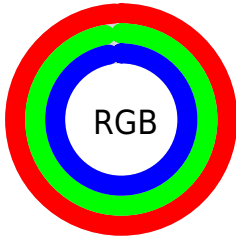
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 253, 248, 248 |
| Decimal | 16644344 |
| CIE Lab | 98.00, 1.66, 0.58 |
| CIE LCh | 98, 1.762, 19.152 |
| Yxy | 94.9163, 0.3159, 0.3290 |
| Android (android.graphics.Color) | 4294834424 (0xFFFD8F8F) |
| YUV | 249.4950, -0.7370, 3.0739 |
| Hunter-Lab | 97.4250, -3.5182, 5.8564 |

Details

The CIELCh color 98, 1.762, 19.152 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 99, 1.736, 199.746, 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, 1.479, 19.161 is the 20% darker color. If you saturate the color by 10%, you get 91, 11.100, 20.210, and if you desaturate by 10%, it is 100, 0.646, 200.391.

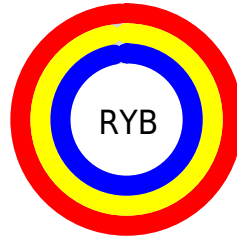
Distribution



Red (99%)

Green (97%)

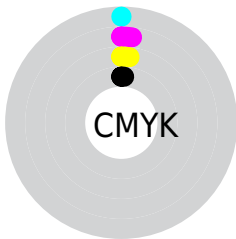
Blue (97%)



Red (99%)

Yellow (97%)

Blue (97%)

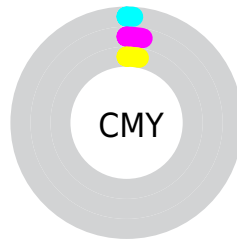


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (1%)



Cyan (1%)









Magenta (3%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 1.762, 19.152 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, 1.762, 19.152 by changing the saturation by 10% instead.

| | |
|--|---|
|  98, 1.762, 19.152 |  98, 1.762, 19.152 |
|  100, 1.762, 19.152 |  88, 1.762, 19.152 |
| |  78, 1.762, 19.152 |
| |  68, 1.762, 19.152 |
| |  58, 1.762, 19.152 |
| |  48, 1.762, 19.152 |
| |  38, 1.762, 19.152 |
| |  28, 1.762, 19.152 |
| |  18, 1.762, 19.152 |
| |  8, 1.762, 19.152 |

98, 1.762, 19.152

98, 1.762, 19.152

91, 11.100, 20.210

100, 0.646,
200.391

85, 21.193, 21.110

78, 32.034, 22.260

72, 43.547, 23.762

67, 55.552, 25.727

62, 67.745, 28.264

58, 79.698, 31.418

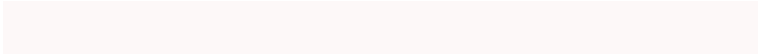
55, 90.764, 35.001

53, 99.610, 38.283

Harmonies

Complementary

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



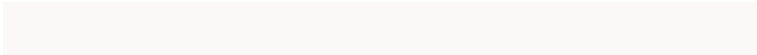
98, 1.762, 19.152



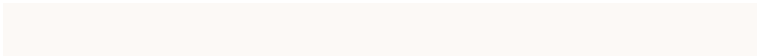
99, 1.736, 199.746

Rectangle

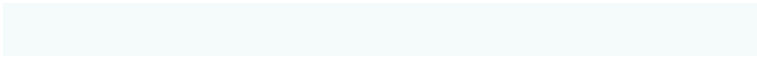
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



98, 1.762, 19.152



98, 1.762, 69.152



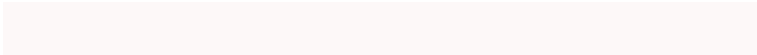
98, 1.762, 199.152



98, 1.762, 249.152

Sweetspot

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



98, 1.760, 19.222



99, 0.894, 18.798



98, 3.118, 324.452



53, 0.508, 18.757



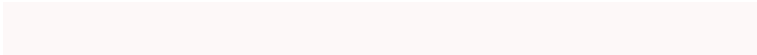
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

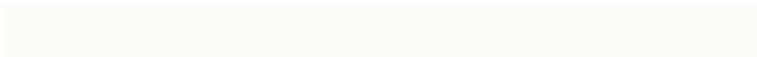
The Same Dimension uses a secret algorithm to generate beautiful new colors.



98, 1.760, 19.222



99, 1.793, 19.229



99, 1.530, 74.893



53, 1.019, 19.203



40, 84.218, 40.009



10, 33.349, 27.218

Inverse Universe

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



99, 1.736, 199.746



100, 1.768, 199.740



98, 1.539, 255.946



53, 1.006, 199.765



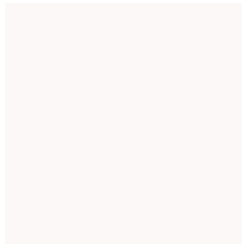
70, 40.315, 196.518



24, 18.550, 196.502

Previews

White Background



This preview shows how the CIElCh color 98, 1.762, 19.152 looks on a white background.

Color Contrast Check

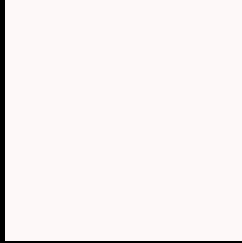
Large Text (above 18pt) WCAG AA × Fail

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, 1.762, 19.152 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, 1.762, 19.152

Background



This preview shows how black text looks on a background with the CIELCh color 98, 1.762, 19.152.



This preview shows how white text looks on a background with the CIELCh color 98, 1.762, 19.152.

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, 1.762, 19.152

Protanopia
98, 2.116, 19.237

Deuteranopia
98, 3.011, 359.612

Tritanopia
98, 3.859, 311.595

Trichromacy



Original Color
98, 1.762, 19.152

Protanomaly
98, 2.116, 19.237

Deuteranomaly
98, 2.682, 356.998

Tritanomaly
98, 2.933, 318.815

Monochromacy



Original Color
98, 1.762, 19.152

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, 1.762, 19.152 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, 248, 248)` looks like.

```
.text, #text, p{  
    color:rgb(253, 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(253, 248, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 248, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 1.762, 19.152 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, 248, 248) }
```

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

```
.border{ border-color:rgb(253, 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(253, 248, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 248, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 248, 248);  
box-shadow:4px 4px 4px 4px rgb(253, 248,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 1.762, 19.152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 248, 248) }
```

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

```
.background{ background-color: rgb(253,  
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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