

Converting Colors

CIE LCh(98, 1.903, 290.354)

Have a look what the booklet for
CIELCh(98, 1.903, 290.354) contains.

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Color

CIELCh(98, 2.050, 290.369)

Conversions

Conversions Part 1

Format	Color
Hex	F9F9FD
RGB	249, 249, 253
RGB Percent	98%, 98%, 99%
CMY	0.0238, 0.0238, 0.0081
CMYK	0.02, 0.02, 0.00, 0.01
HSL	240°, 49%, 98%
HSV	240°, 2%, 99%
XYZ	90.6086, 94.9163, 106.4089
YIQ	249.4560, -1.2840, 1.2440

Conversions

Conversions Part 2

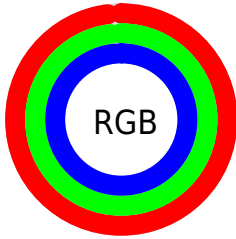
Format	Color
R _Y B	249, 249, 253
Decimal	16382461
CIE Lab	98.00, 0.71, -1.92
CIE LCh	98, 2.050, 290.369
Yxy	94.9163, 0.3104, 0.3251
Android (android.graphics.Color)	4294572541 (0xFF9F9FD)
YUV	249.4560, 1.7472, -0.3999
Hunter-Lab	97.4250, -4.4825, 3.4401

Details

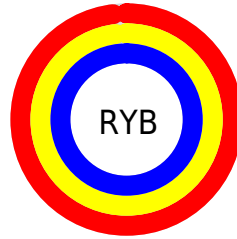
The CIELCh color 98, 2.050, 290.369 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 99, 2.018, 109.947, and the grayscale version is 98, 0.011, 296.813.

A 20% lighter version of the original color is 100, 0.012, 296.813, and 78, 1.613, 290.364 is the 20% darker color. If you saturate the color by 10%, you get 90, 15.230, 291.370, and if you desaturate by 10%, it is 100, 1.041, 110.026.

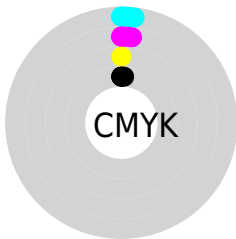
Distribution



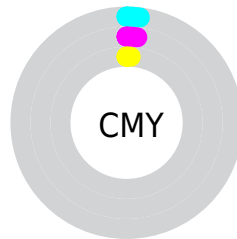
- Red (98%)
- Green (98%)
- Blue (99%)



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



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



- Cyan (2%)
- Magenta (2%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 2.050, 290.369 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, 2.050, 290.369 by changing the saturation by 10% instead.

 98, 2.050, 290.369

 98, 2.050, 290.369

100, 2.050,
290.369

 88, 2.050, 290.369

 78, 2.050, 290.369

 68, 2.050, 290.369

 58, 2.050, 290.369

 48, 2.050, 290.369

 38, 2.050, 290.369

 28, 2.050, 290.369

 18, 2.050, 290.369

 8, 2.050, 290.369

98, 2.050, 290.369

98, 2.050, 290.369

90, 15.230,
291.370

100, 1.041,
110.026

82, 28.970,
292.637

73, 43.311,
294.133

65, 58.278,
295.881

57, 73.827,
297.880

50, 89.724,
300.073

43, 105.285,
302.306

37, 119.033,
304.296

■ 34, 128.731,
305.684

Harmonies

Complementary

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



98, 2.050, 290.369



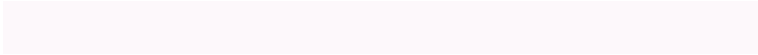
99, 2.018, 109.947

Rectangle

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



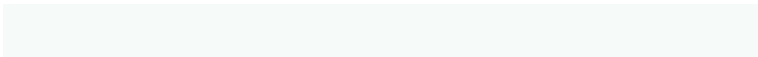
98, 2.050, 290.369



98, 2.050, 340.369



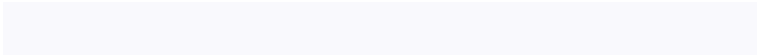
98, 2.050, 110.369



98, 2.050, 160.369

Sweetspot

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



98, 2.048, 290.328

100, 0.012, 296.813



99, 1.392, 198.393



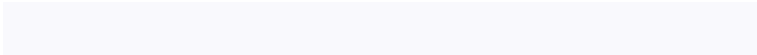
53, 0.007, 296.813



0, 0.000, 0.000

Same Dimension

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



98, 2.048, 290.328



98, 2.606, 290.362



98, 2.167, 308.492



52, 1.482, 290.354



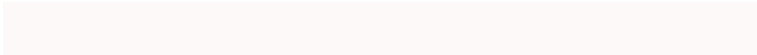
23, 107.734, 306.275



3, 44.094, 301.742

Inverse Universe

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



98, 1.408, 18.948



99, 1.795, 19.072



99, 2.140, 128.477



53, 1.020, 19.047



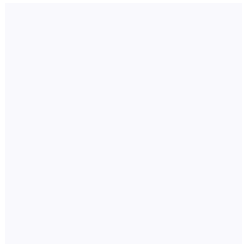
40, 84.181, 39.958



10, 33.359, 27.135

Previews

White Background



This preview shows how the CIE LCh color 98, 2.050, 290.369 looks on a white background.

Color Contrast Check

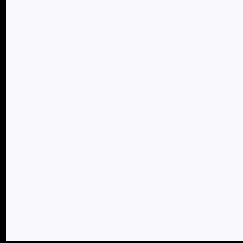
Large Text (above 18pt) WCAG AA × Fail

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, 2.050, 290.369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

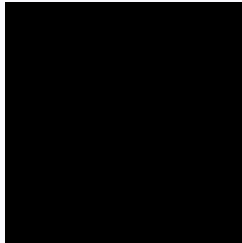
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

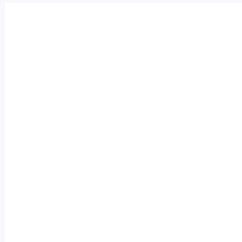
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 2.050, 290.369

Background



This preview shows how black text looks on a background with the CIELCh color 98, 2.050, 290.369.



This preview shows how white text looks on a background with the CIELCh color 98, 2.050, 290.369.

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, 2.050, 290.369

Protanopia

98, 2.498, 324.407

Deuteranopia

98, 3.497, 343.770

Tritanopia
98, 3.658, 301.411

Trichromacy



Original Color

98, 2.050, 290.369

Protanomaly

98, 2.316, 317.263

Deuteranomaly

98, 2.713, 330.516

Tritanomaly

98, 3.159, 303.153

Monochromacy



Original Color

98, 2.050, 290.369

Achromatopsia

98, 0.011, 296.813

Achromatomaly

98, 0.521, 290.362

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 2.050, 290.369 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(249, 249, 253)` looks like.

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

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

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

Border

The CSS property to change the border of an element to CIELCh 98, 2.050, 290.369 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(249, 249, 253) }
```

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

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

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

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

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

Background

The CSS property to change the background color of an element to CIELCh 98, 2.050, 290.369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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