

Converting Colors

CIELCh(100, 32.592, 292.602)

Have a look what the booklet for
CIELCh(100, 32.592, 292.602)
contains.

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Color

CIELCh(98, 2.558, 290.399)

Conversions

Conversions Part 1

Format	Color
Hex	F9F9FE
RGB	249, 249, 254
RGB Percent	98%, 98%, 100%
CMY	0.0241, 0.0241, 0.0045
CMYK	0.02, 0.02, 0.00, 0.00
HSL	240°, 68%, 99%
HSV	240°, 2%, 100%
XYZ	90.7070, 94.9163, 107.1760
YIQ	249.5700, -1.6050, 1.5550

Conversions

Conversions Part 2

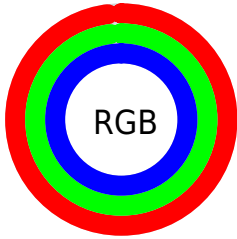
Format	Color
R _{YB}	249, 249, 254
Decimal	16382462
CIE Lab	98.00, 0.89, -2.40
CIE LCh	98, 2.558, 290.399
Yxy	94.9163, 0.3098, 0.3242
Android (android.graphics.Color)	4294572542 (0xFFFF9F9FE)
YUV	249.5700, 2.1840, -0.4999
Hunter-Lab	97.4250, -4.3022, 2.9733

Details

The CIELCh color 98, 2.558, 290.399 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 99, 2.523, 109.924, 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, 2.148, 290.403 is the 20% darker color. If you saturate the color by 10%, you get 90, 15.801, 291.422, and if you desaturate by 10%, it is 100, 0.573, 110.000.

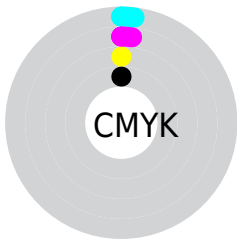
Distribution



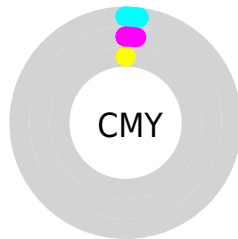
- Red (98%)
- Green (98%)
- Blue (100%)



- Red (98%)
- Yellow (98%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 98, 2.558, 290.399 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, 2.558, 290.399 by changing the saturation by 10% instead.

98, 2.558, 290.399

98, 2.558, 290.399

100, 2.558,
290.399

88, 2.558, 290.399

78, 2.558, 290.399

68, 2.558, 290.399

58, 2.558, 290.399

48, 2.558, 290.399

38, 2.558, 290.399

28, 2.558, 290.399

18, 2.558, 290.399

8, 2.558, 290.399

98, 2.558, 290.399

98, 2.558, 290.399

90, 15.801,
291.422

100, 0.573,
110.000

82, 29.607,
292.698

73, 44.018,
294.204

65, 59.056,
295.962

57, 74.675,
297.970

50, 90.625,
300.169

43, 106.196,
302.399

37, 119.865,
304.370

■ 34, 129.375,
305.725

Harmonies

Complementary

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



98, 2.558, 290.399



99, 2.523, 109.924

Rectangle

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



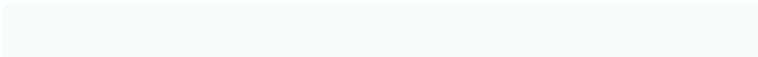
98, 2.558, 290.399



98, 2.558, 340.399



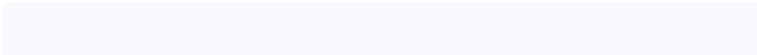
98, 2.558, 110.399



98, 2.558, 160.399

Sweetspot

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



98, 2.556, 290.367



99, 1.307, 290.300



99, 1.737, 198.278



53, 0.743, 290.299



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, 2.556, 290.367



98, 2.607, 290.369



98, 2.703, 308.522



52, 1.482, 290.361



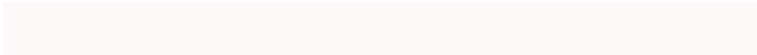
23, 107.742, 306.277



3, 44.100, 301.745

Inverse Universe

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



98, 1.759, 19.080



99, 1.795, 19.088



99, 2.674, 128.448



53, 1.020, 19.062



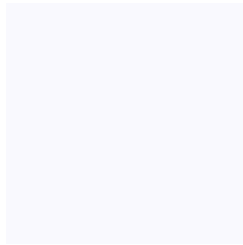
40, 84.190, 39.966



10, 33.360, 27.142

Previews

White Background



This preview shows how the CIE LCh color 98, 2.558, 290.399 looks on a white background.

Color Contrast Check

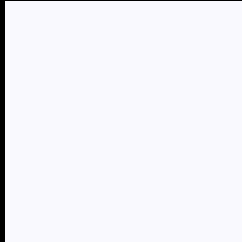
Large Text (above 18pt) WCAG AA × Fail

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, 2.558, 290.399 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

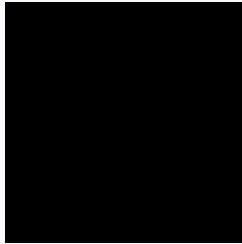
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

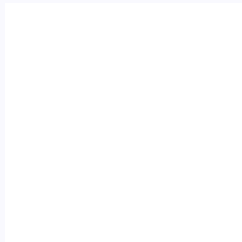
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 98, 2.558, 290.399

Background



This preview shows how black text looks on a background with the CIELCh color 98, 2.558, 290.399.



This preview shows how white text looks on a background with the CIELCh color 98, 2.558, 290.399.

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, 2.560, 290.400

Protanopia

98, 2.933, 318.815

Deuteranopia

98, 3.497, 343.770

Tritanopia
98, 3.658, 301.411

Trichromacy



Original Color

98, 2.560, 290.400

Protanomaly

98, 2.780, 312.501

Deuteranomaly

98, 2.713, 330.516

Tritanomaly

98, 3.658, 301.411

Monochromacy



Original Color

98, 2.560, 290.400

Achromatopsia

98, 0.011, 296.813

Achromatomaly

98, 1.031, 290.329

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 98, 2.558, 290.399 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, 254)` looks like.

```
.text, #text, p{  
    color:rgb(249, 249, 254)  
}
```

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, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 249, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 98, 2.558, 290.399 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, 254) }
```

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

```
.border{ border-color:rgb(249, 249, 254) }
```

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, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 249, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 249, 254);  
box-shadow:4px 4px 4px 4px rgb(249, 249,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 98, 2.558, 290.399 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, 254) }
```

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

```
.background{ background-color: rgb(249,  
249, 254) }
```

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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