

Converting Colors

CIE LCh(96, 5.134, 336.178)

Have a look what the booklet for
CIELCh(96, 5.134, 336.178) contains.

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Color

CIELCh(96, 5.057, 334.478)

Conversions

Conversions Part 1

Format	Color
Hex	FBF1F8
RGB	251, 241, 248
RGB Percent	98%, 95%, 97%
CMY	0.0166, 0.0558, 0.0283
CMYK	0.00, 0.04, 0.01, 0.02
HSL	318°, 54%, 96%
HSV	318°, 4%, 98%
XYZ	87.9988, 90.0078, 101.3582
YIQ	244.7880, 3.7130, 4.2970

Conversions

Conversions Part 2

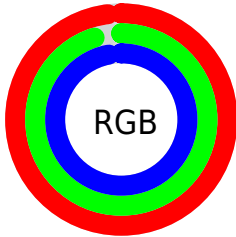
Format	Color
R _Y B	251, 241, 248
Decimal	16511480
CIE Lab	96.00, 4.56, -2.18
CIE LCh	96, 5.057, 334.478
Yxy	90.0078, 0.3150, 0.3222
Android (android.graphics.Color)	4294701560 (0xFFFBF1F8)
YUV	244.7880, 1.5835, 5.4479
Hunter-Lab	94.8724, -0.4593, 3.0675

Details

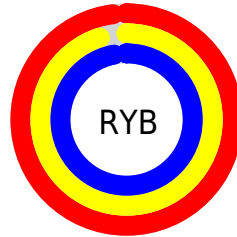
The CIELCh color **96, 5.057, 334.478** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **98, 5.029, 154.098**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 5.054, 331.546** is the 20% darker color. If you saturate the color by 10%, you get **90, 17.868, 335.245**, and if you desaturate by 10%, it is **100, 1.467, 199.764**.

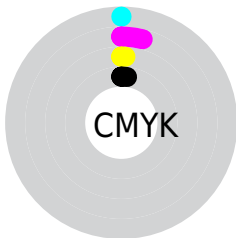
Distribution



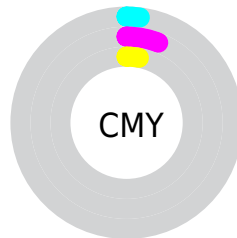
- Red (98%)
- Green (95%)
- Blue (97%)



- Red (98%)
- Yellow (95%)
- Blue (97%)



- Cyan (0%)
- Magenta (4%)
- Yellow (1%)
- Black (2%)



- Cyan (2%)
- Magenta (6%)
- Yellow (3%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 5.057, 334.478 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 96, 5.057, 334.478 by changing the saturation by 10% instead.

 96, 5.057, 334.478

 96, 5.057, 334.478

 100, 5.057,
334.478

 86, 5.057, 334.478

 76, 5.057, 334.478

 66, 5.057, 334.478

 56, 5.057, 334.478

 46, 5.057, 334.478

 36, 5.057, 334.478

 26, 5.057, 334.478

 16, 5.057, 334.478

 6, 5.057, 334.478

96, 5.057, 334.478

96, 5.057, 334.478

90, 17.868,
335.245

100, 1.467,
199.764

84, 30.775,
336.005

78, 43.535,
336.812

72, 55.793,
337.680

68, 67.062,
338.630

63, 76.745,
339.693

60, 84.206,
340.914

58, 88.938,
342.360

■ 56, 90.773,
344.112

Harmonies

Complementary

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



96, 5.057, 334.478



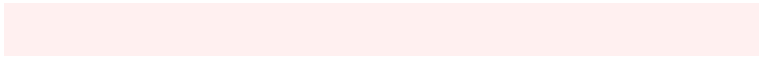
98, 5.029, 154.098

Rectangle

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



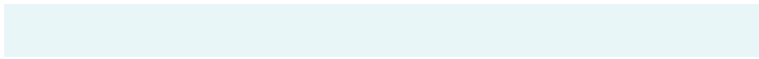
96, 5.057, 334.478



96, 5.057, 24.478



96, 5.057, 154.478



96, 5.057, 204.478

Sweetspot

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



96, 5.054, 334.483



99, 1.288, 334.045



96, 5.256, 302.021



53, 0.733, 334.025



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

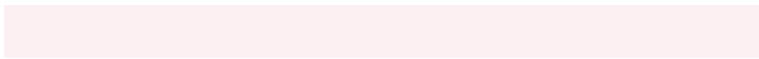
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 5.054, 334.483



97, 6.432, 334.569



96, 3.701, 3.450



50, 4.318, 334.624



42, 73.584, 344.926



10, 34.137, 342.223

Inverse Universe

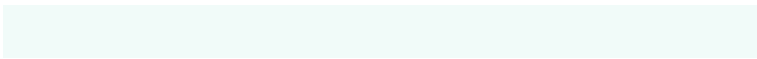
The Inverse Universe completely reimagines the original color for something new.



96, 5.054, 334.483



97, 6.432, 334.569



98, 3.636, 183.062



50, 4.318, 334.624



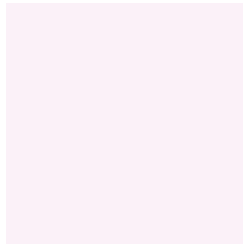
42, 73.584, 344.926



10, 34.137, 342.223

Previews

White Background



This preview shows how the CIE LCh color 96, 5.057, 334.478 looks on a white background.

Color Contrast Check

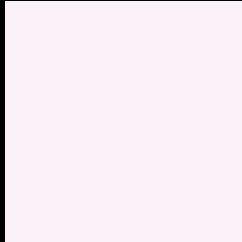
Large Text (above 18pt) WCAG AA × Fail

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 96, 5.057, 334.478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

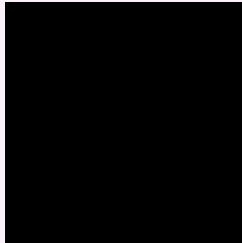
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 96, 5.057, 334.478

Background



This preview shows how black text looks on a background with the CIELCh color 96, 5.057, 334.478.

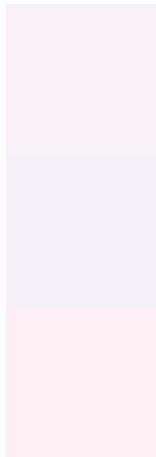


This preview shows how white text looks on a background with the CIELCh color 96, 5.057, 334.478.

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


96, 5.057, 334.478

Protanopia

96, 3.877, 311.599

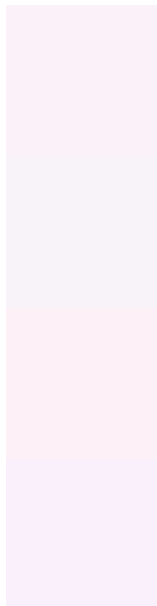
Deuteranopia

96, 6.160, 349.859



Tritanopia
96, 8.489, 314.890

Trichromacy



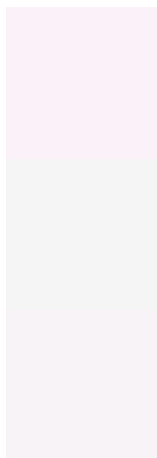
Original Color
96, 5.057, 334.478

Protanomaly
96, 4.188, 320.560

Deuteranomaly
96, 5.855, 341.966

Tritanomaly
96, 7.119, 319.979

Monochromacy



Original Color
96, 5.057, 334.478

Achromatopsia
97, 0.011, 296.813

Achromatomaly
96, 2.104, 332.265

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 5.057, 334.478 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(251, 241, 248)` looks like.

```
.text, #text, p{  
    color:rgb(251, 241, 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(251, 241, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 241, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 5.057, 334.478 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(251, 241, 248) }
```

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

```
.border{ border-color:rgb(251, 241, 248) }
```

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

Here you see how a box with a 4 pixel rgb(251, 241, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 241, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 241, 248);  
box-shadow:4px 4px 4px 4px rgb(251, 241,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 5.057, 334.478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 241, 248) }
```

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

```
.background{ background-color: rgb(251,  
241, 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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