

Converting Colors

CIE LCh(96, 4.205, 358.148)

Have a look what the booklet for
CIELCh(96, 4.205, 358.148) contains.

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Color

CIELCh(96, 4.205, 358.148)

Conversions

Conversions Part 1

Format	Color
Hex	FCF1F4
RGB	252, 241, 244
RGB Percent	99%, 95%, 96%
CMY	0.0124, 0.0555, 0.0437
CMYK	0.00, 0.04, 0.03, 0.01
HSL	344°, 64%, 97%
HSV	344°, 4%, 99%
XYZ	87.8036, 90.0078, 98.2102
YIQ	244.6310, 5.5930, 3.2650

Conversions

Conversions Part 2

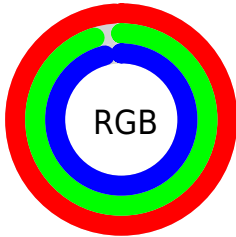
Format	Color
R _Y B	252, 241, 244
Decimal	16577012
CIE Lab	96.00, 4.20, -0.14
CIE LCh	96, 4.205, 358.148
Yxy	90.0078, 0.3181, 0.3261
Android (android.graphics.Color)	4294767092 (0xFFFCF1F4)
YUV	244.6310, -0.3111, 6.4626
Hunter-Lab	94.8724, -0.8267, 5.0348

Details

The CIELCh color **96, 4.205, 358.148** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 4.137, 177.637**, 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, 4.073, 356.317** is the 20% darker color. If you saturate the color by 10%, you get **89, 14.135, 359.292**, and if you desaturate by 10%, it is **100, 1.096, 199.940**.

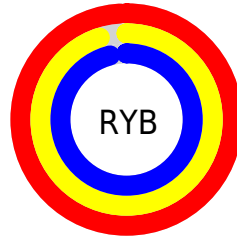
Distribution



Red (99%)

Green (95%)

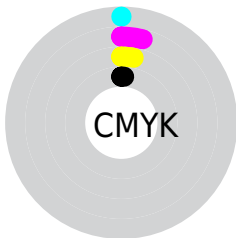
Blue (96%)



Red (99%)

Yellow (95%)

Blue (96%)

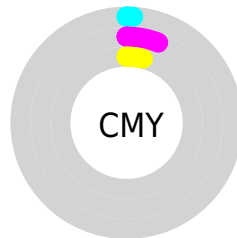


Cyan (0%)

Magenta (4%)

Yellow (3%)

Black (1%)



Cyan (1%)

Magenta (6%)

Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 4.205, 358.148 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, 4.205, 358.148 by changing the saturation by 10% instead.

 96, 4.205, 358.148

 96, 4.205, 358.148

 100, 4.205,
358.148

 86, 4.205, 358.148

 76, 4.205, 358.148

 66, 4.205, 358.148

 56, 4.205, 358.148

 46, 4.205, 358.148

 36, 4.205, 358.148

 26, 4.205, 358.148

 16, 4.205, 358.148

 6, 4.205, 358.148

96, 4.205, 358.148

96, 4.205, 358.148

89, 14.135,
359.292

100, 1.096,
199.940

83, 24.457, 0.510

77, 35.041, 1.945

71, 45.660, 3.684

66, 55.972, 5.838

61, 65.530, 8.554

58, 73.872, 12.005

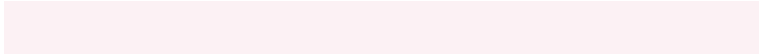
55, 80.696, 16.344

54, 86.073, 21.590

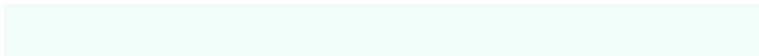
Harmonies

Complementary

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



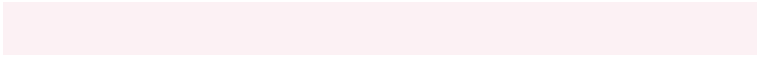
96, 4.205, 358.148



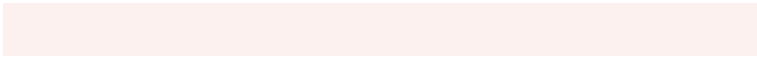
98, 4.137, 177.637

Rectangle

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



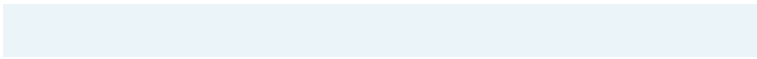
96, 4.205, 358.148



96, 4.205, 48.148



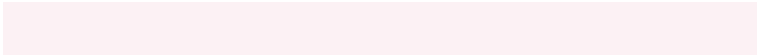
96, 4.205, 178.148



96, 4.205, 228.148

Sweetspot

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



96, 4.203, 358.168



99, 0.969, 357.388



96, 6.310, 316.407



53, 0.551, 357.352



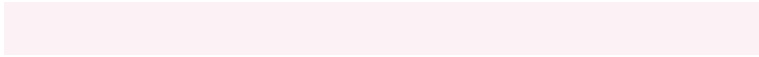
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



96, 4.203, 358.168



97, 4.869, 358.247



97, 3.284, 41.109



50, 3.272, 358.328



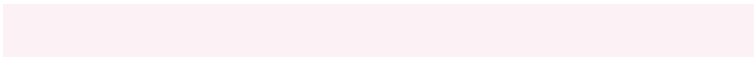
40, 70.959, 23.648



9, 30.668, 13.797

Inverse Universe

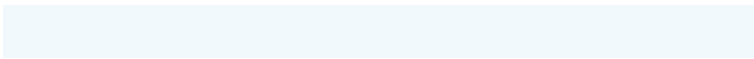
The Inverse Universe completely reimagines the original color for something new.



96, 4.203, 358.168



97, 4.869, 358.247



98, 3.203, 221.771



50, 3.272, 358.328



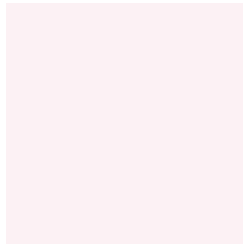
40, 70.959, 23.648



9, 30.668, 13.797

Previews

White Background



This preview shows how the CIELCh color 96, 4.205, 358.148 looks on a white background.

Color Contrast Check

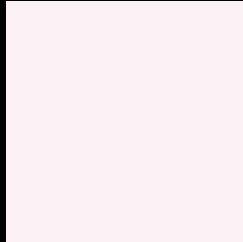
Large Text (above 18pt) WCAG AA × Fail

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, 4.205, 358.148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

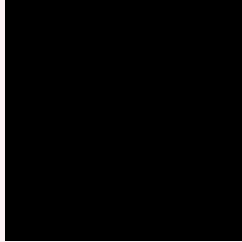
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

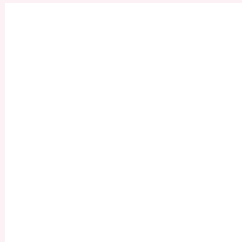
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 4.205, 358.148

Background



This preview shows how black text looks on a background with the CIELCh color 96, 4.205, 358.148.

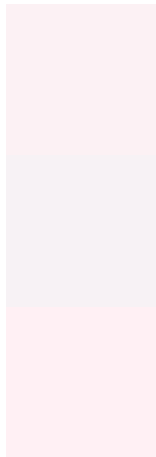


This preview shows how white text looks on a background with the CIELCh color 96, 4.205, 358.148.

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, 4.205, 358.148

Protanopia

96, 2.359, 338.599

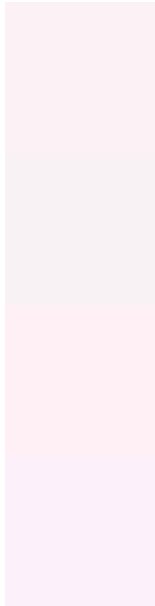
Deuteranopia

96, 5.723, 358.764



Tritanopia
96, 8.802, 319.044

Trichromacy



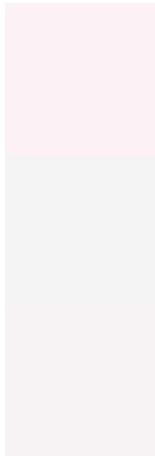
Original Color
96, 4.205, 358.148

Protanomaly
96, 2.929, 347.760

Deuteranomaly
96, 5.391, 357.369

Tritanomaly
96, 7.077, 327.000

Monochromacy



Original Color
96, 4.205, 358.148

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 1.511, 359.284

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 4.205, 358.148 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(252, 241, 244)` looks like.

```
.text, #text, p{  
    color:rgb(252, 241, 244)  
}
```

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(252, 241, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 241, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 4.205, 358.148 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(252, 241, 244) }
```

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

```
.border{ border-color:rgb(252, 241, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 241, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 241, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 241, 244);  
box-shadow:4px 4px 4px 4px rgb(252, 241,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 4.205, 358.148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 241, 244) }
```

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

```
.background{ background-color: rgb(252,  
241, 244) }
```

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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