

Converting Colors

CIELCh(96, 4.666, 11.950)

Have a look what the booklet for
CIELCh(96, 4.666, 11.950) contains.

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Color

CIELCh(96, 4.659, 13.293)

Conversions

Conversions Part 1

Format	Color
Hex	FEF1F2
RGB	254, 241, 242
RGB Percent	100%, 95%, 95%
CMY	0.0057, 0.0567, 0.0528
CMYK	0.00, 0.05, 0.05, 0.01
HSL	355°, 82%, 97%
HSV	355°, 5%, 99%
XYZ	87.9829, 90.0078, 96.3812
YIQ	245.0010, 7.4270, 3.0670

Conversions

Conversions Part 2

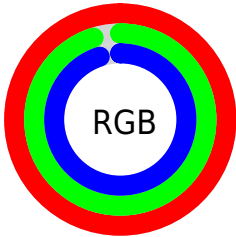
Format	Color
R_{YB}	254, 241, 242
Decimal	16708082
CIE Lab	96.00, 4.53, 1.07
CIE LCh	96, 4.659, 13.293
Yxy	90.0078, 0.3207, 0.3281
Android (android.graphics.Color)	4294898162 (0xFFFEF1F2)
YUV	245.0010, -1.4795, 7.8921
Hunter-Lab	94.8724, -0.4892, 6.1778

Details

The CIELCh color **96, 4.659, 13.293** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **99, 4.527, 192.824**, 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, 4.530, 12.868** is the 20% darker color. If you saturate the color by 10%, you get **89, 14.231, 14.308**, and if you desaturate by 10%, it is **100, 0.508, 200.679**.

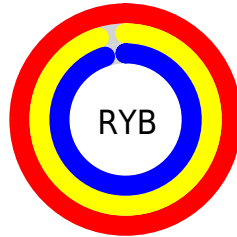
Distribution



Red (100%)

Green (95%)

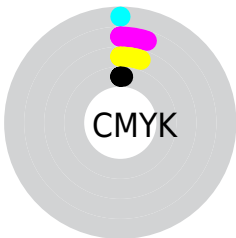
Blue (95%)



Red (100%)

Yellow (95%)

Blue (95%)

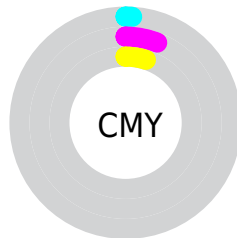


Cyan (0%)

Magenta (5%)

Yellow (5%)

Black (1%)



Cyan (1%)

Magenta (6%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 4.659, 13.293 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, 4.659, 13.293 by changing the saturation by 10% instead.

 96, 4.659, 13.293	 96, 4.659, 13.293
 100, 4.659, 13.293	 86, 4.659, 13.293
	 76, 4.659, 13.293
	 66, 4.659, 13.293
	 56, 4.659, 13.293
	 46, 4.659, 13.293
	 36, 4.659, 13.293
	 26, 4.659, 13.293
	 16, 4.659, 13.293
	 6, 4.659, 13.293

96, 4.659, 13.293

96, 4.659, 13.293

89, 14.231, 14.308

100, 0.508,
200.679

83, 24.451, 15.437

76, 35.259, 16.842

71, 46.514, 18.626

65, 57.964, 20.912

61, 69.258, 23.831

57, 79.995, 27.463

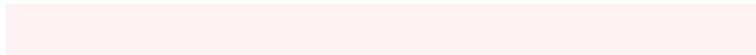
55, 89.761, 31.703

53, 97.902, 36.006

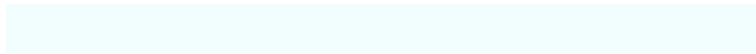
Harmonies

Complementary

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



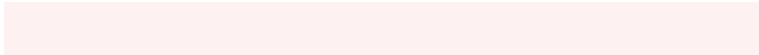
96, 4.659, 13.293



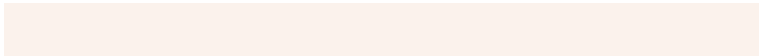
99, 4.527, 192.824

Rectangle

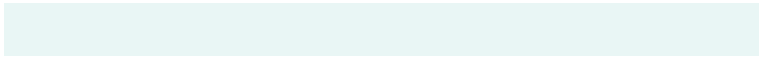
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



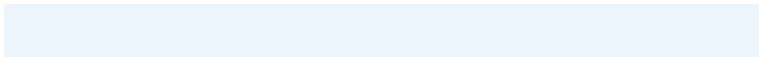
96, 4.659, 13.293



96, 4.659, 63.293



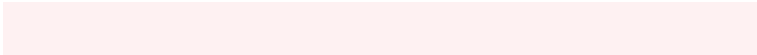
96, 4.659, 193.293



96, 4.659, 243.293

Sweetspot

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



96, 4.657, 13.318



99, 1.808, 12.852



96, 7.895, 322.400



53, 1.028, 12.826



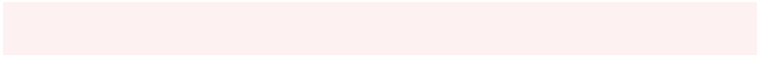
0, 0.000, 0.000



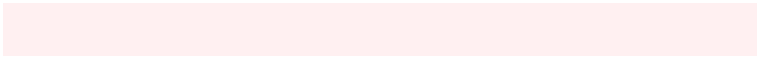
53, 0.007, 296.813

Same Dimension

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



96, 4.657, 13.318



96, 5.496, 13.410



97, 3.839, 65.217



51, 3.654, 13.476



40, 81.044, 37.057



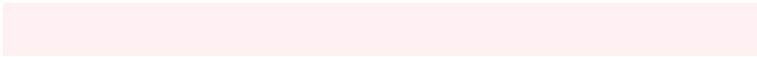
10, 32.766, 24.081

Inverse Universe

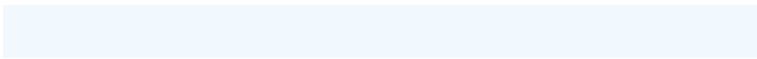
The Inverse Universe completely reimagines the original color for something new.



96, 4.657, 13.318



96, 5.496, 13.410



97, 3.778, 246.607



51, 3.654, 13.476



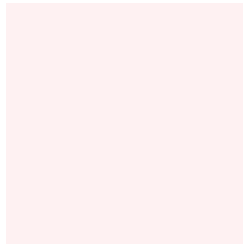
40, 81.044, 37.057



10, 32.766, 24.081

Previews

White Background



This preview shows how the CIELCh color 96, 4.659, 13.293 looks on a white background.

Color Contrast Check

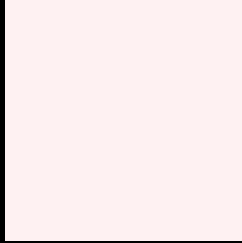
Large Text (above 18pt) WCAG AA × Fail

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, 4.659, 13.293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

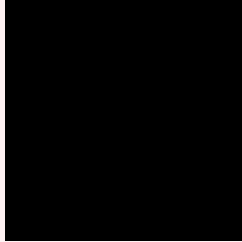
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

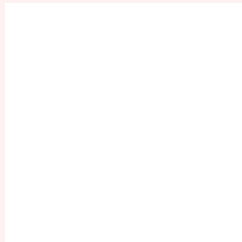
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 4.659, 13.293

Background



This preview shows how black text looks on a background with the CIELCh color 96, 4.659, 13.293.

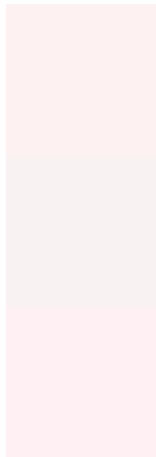


This preview shows how white text looks on a background with the CIELCh color 96, 4.659, 13.293.

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, 4.659, 13.293

Protanopia

96, 2.191, 5.760

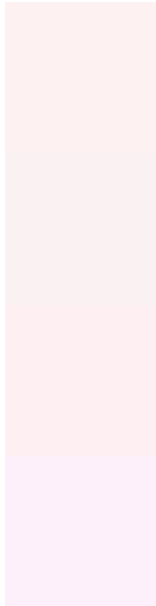
Deuteranopia

96, 5.564, 3.684



Tritanopia
96, 9.783, 323.048

Trichromacy



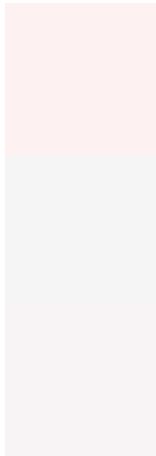
Original Color
96, 4.659, 13.293

Protanomaly
96, 3.241, 10.350

Deuteranomaly
96, 5.096, 8.061

Tritanomaly
96, 7.144, 334.031

Monochromacy



Original Color
96, 4.659, 13.293

Achromatopsia
97, 0.011, 296.813

Achromatomaly
96, 1.847, 3.108

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 4.659, 13.293 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(254, 241, 242)` looks like.

```
.text, #text, p{  
    color:rgb(254, 241, 242)  
}
```

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(254, 241, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 241, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 4.659, 13.293 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(254, 241, 242) }
```

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

```
.border{ border-color:rgb(254, 241, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 241, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 241, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 241, 242);  
box-shadow:4px 4px 4px 4px rgb(254, 241,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 4.659, 13.293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 241, 242) }
```

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

```
.background{ background-color: rgb(254,  
241, 242) }
```

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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