

Converting Colors

CIELCh(100, 20.936, 22.566)

Have a look what the booklet for
CIELCh(100, 20.936, 22.566)
contains.

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Color

CIELCh(96, 4.746, 31.977)

Conversions

Conversions Part 1

Format	Color
Hex	FEF1EF
RGB	254, 241, 239
RGB Percent	100%, 95%, 94%
CMY	0.0049, 0.0558, 0.0637
CMYK	0.00, 0.05, 0.06, 0.00
HSL	8°, 86%, 97%
HSV	8°, 6%, 100%
XYZ	87.7079, 90.0078, 94.2260
YIQ	244.6590, 8.3900, 2.1340

Conversions

Conversions Part 2

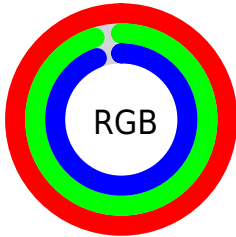
Format	Color
RYB	254, 241, 239
Decimal	16708079
CIELab	96.00, 4.03, 2.51
CIELCh	96, 4.746, 31.977
Yxy	90.0078, 0.3225, 0.3310
Android (android.graphics.Color)	4294898159 (0xFFFEF1EF)
YUV	244.6590, -2.7899, 8.1921
Hunter-Lab	94.8724, -1.0067, 7.5247

Details

The CIELCh color **96, 4.746, 31.977** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 4.570, 212.204**, 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, 4.638, 33.004** is the 20% darker color. If you saturate the color by 10%, you get **90, 13.327, 32.290**, and if you desaturate by 10%, it is **100, 0.436, 200.899**.

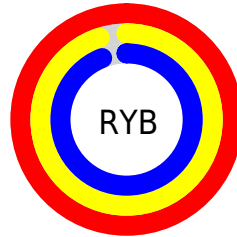
Distribution



Red (100%)

Green (95%)

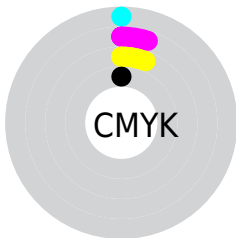
Blue (94%)



Red (100%)

Yellow (95%)

Blue (94%)

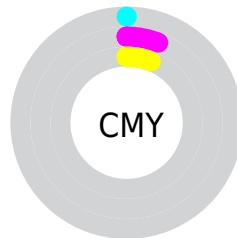


Cyan (0%)

Magenta (5%)

Yellow (6%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 4.746, 31.977 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, 4.746, 31.977 by changing the saturation by 10% instead.



96, 4.746, 31.977

96, 4.746, 31.977

90, 13.327, 32.290

100, 0.436,
200.899

84, 22.643, 32.658

79, 32.726, 33.215

73, 43.563, 34.025

68, 55.074, 35.145

64, 67.064, 36.608

60, 79.136, 38.364

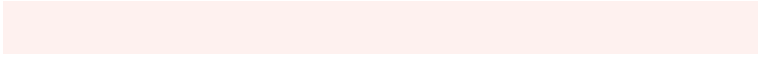
57, 90.445, 40.140

55, 99.164, 41.198

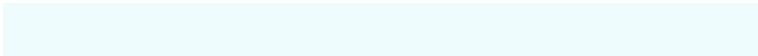
Harmonies

Complementary

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



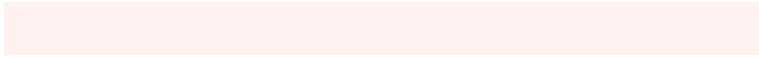
96, 4.746, 31.977



98, 4.570, 212.204

Rectangle

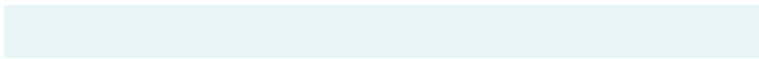
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



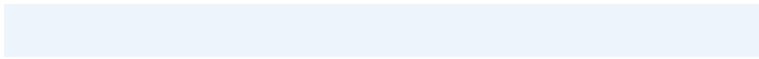
96, 4.746, 31.977



96, 4.746, 81.977



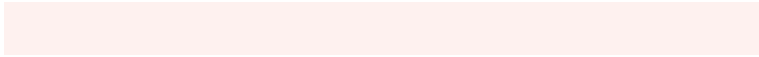
96, 4.746, 211.977



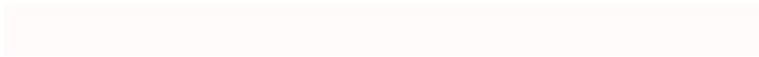
96, 4.746, 261.977

Sweetspot

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



96, 4.745, 32.007



99, 1.587, 31.686



96, 8.528, 328.616



53, 0.902, 31.663



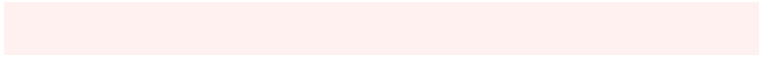
0, 0.000, 0.000



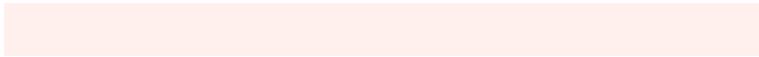
53, 0.007, 296.813

Same Dimension

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



96, 4.745, 32.007



96, 5.673, 32.045



98, 5.192, 87.563



51, 3.695, 32.063



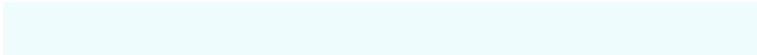
41, 81.945, 41.755



11, 30.953, 33.732

Inverse Universe

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



98, 4.570, 212.204



98, 5.424, 212.181



96, 5.192, 269.196



52, 3.519, 212.172



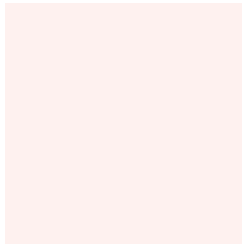
62, 35.261, 221.221



21, 16.345, 217.839

Previews

White Background



This preview shows how the CIELCh color 96, 4.746, 31.977 looks on a white background.

Color Contrast Check

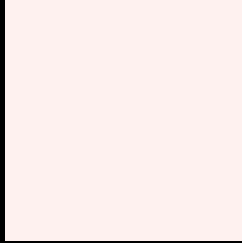
Large Text (above 18pt) WCAG AA × Fail

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, 4.746, 31.977 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

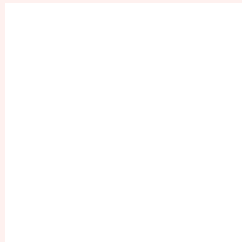
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 4.746, 31.977

Background



This preview shows how black text looks on a background with the CIELCh color 96, 4.746, 31.977.

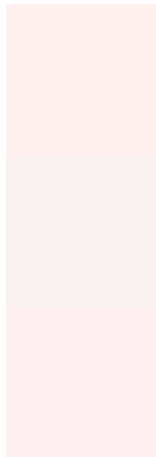


This preview shows how white text looks on a background with the CIELCh color 96, 4.746, 31.977.

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, 4.750, 31.978

Protanopia

96, 2.679, 41.736

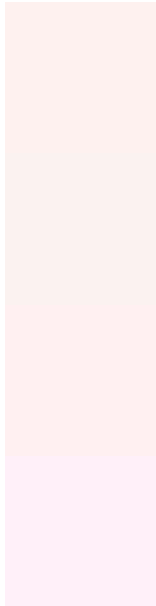
Deuteranopia

96, 5.448, 8.855



Tritanopia
96, 9.976, 324.758

Trichromacy



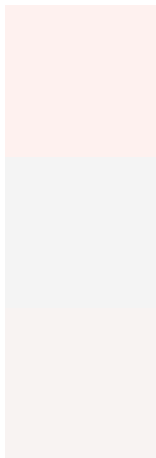
Original Color
96, 4.750, 31.978

Protanomaly
96, 3.353, 37.143

Deuteranomaly
96, 5.379, 14.205

Tritanomaly
96, 7.049, 339.013

Monochromacy



Original Color
96, 4.750, 31.978

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 1.836, 35.320

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 4.746, 31.977 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, 239)` looks like.

```
.text, #text, p{  
    color:rgb(254, 241, 239)  
}
```

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, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 241, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 4.746, 31.977 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, 239) }
```

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

```
.border{ border-color:rgb(254, 241, 239) }
```

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, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 241, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 241, 239);  
box-shadow:4px 4px 4px 4px rgb(254, 241,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 4.746, 31.977 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, 239) }
```

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

```
.background{ background-color: rgb(254,  
241, 239) }
```

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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