

Converting Colors

CIELCh(96, 2.384, 81.690)

Have a look what the booklet for
CIELCh(96, 2.384, 81.690) contains.

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Color

CIELCh(96, 2.288, 82.221)

Conversions

Conversions Part 1

Format	Color
Hex	F6F3EF
RGB	246, 243, 239
RGB Percent	96%, 95%, 94%
CMY	0.0349, 0.0467, 0.0624
CMYK	0.00, 0.01, 0.03, 0.03
HSL	34°, 28%, 95%
HSV	34°, 3%, 97%
XYZ	85.7144, 90.0078, 94.5920
YIQ	243.4410, 3.0720, -0.6080

Conversions

Conversions Part 2

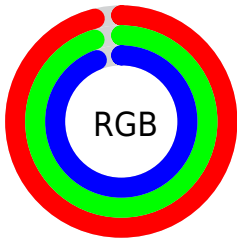
Format	Color
RYB	244, 246, 239
Decimal	16184303
CIELab	96.00, 0.31, 2.27
CIElCh	96, 2.288, 82.221
Yxy	90.0078, 0.3171, 0.3330
Android (android.graphics.Color)	4294374383 (0xFFFF6F3EF)
YUV	243.4410, -2.1894, 2.2442
Hunter-Lab	94.8724, -4.7573, 7.2960

Details

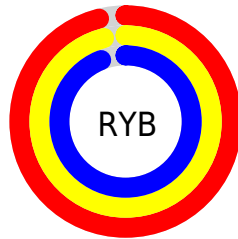
The CIELCh color **96, 2.288, 82.221** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **95, 2.298, 263.318**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 2.407, 82.156** is the 20% darker color. If you saturate the color by 10%, you get **93, 10.548, 81.119**, and if you desaturate by 10%, it is **99, 2.690, 214.469**.

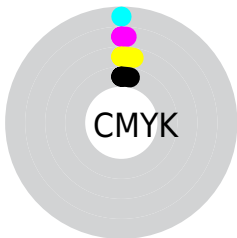
Distribution



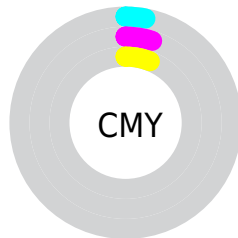
- Red (96%)
- Green (95%)
- Blue (94%)



- Red (96%)
- Yellow (96%)
- Blue (94%)



- Cyan (0%)
- Magenta (1%)
- Yellow (3%)
- Black (3%)



- Cyan (3%)
- Magenta (5%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 2.288, 82.221 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, 2.288, 82.221 by changing the saturation by 10% instead.

96, 2.288, 82.221

96, 2.288, 82.221

100, 2.288, 82.221

86, 2.288, 82.221

76, 2.288, 82.221

66, 2.288, 82.221

56, 2.288, 82.221

46, 2.288, 82.221

36, 2.288, 82.221

26, 2.288, 82.221

16, 2.288, 82.221

6, 2.288, 82.221

96, 2.288, 82.221

96, 2.288, 82.221

93, 10.548, 81.119

99, 2.690, 214.469

90, 19.099, 79.811

99, 3.080, 199.425

87, 27.945, 78.460

84, 37.065, 77.074

81, 46.381, 75.649

78, 55.712, 74.158

75, 64.687, 72.537

73, 72.618, 70.648

70, 78.471, 68.240

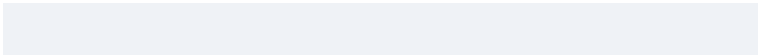
Harmonies

Complementary

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



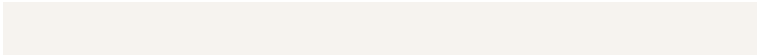
96, 2.288, 82.221



95, 2.298, 263.318

Rectangle

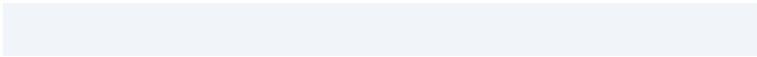
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



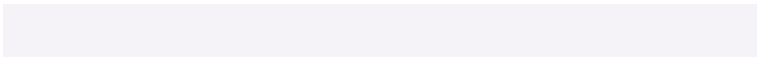
96, 2.288, 82.221



96, 2.288, 132.221



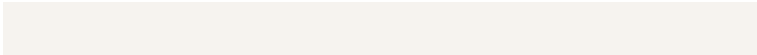
96, 2.288, 262.221



96, 2.288, 312.221

Sweetspot

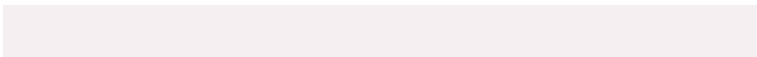
The Sweet Spot groups the original color and five complimentary colors.



96, 2.289, 82.281



100, 0.819, 82.216



95, 2.945, 347.483



53, 0.466, 82.198



0, 0.000, 0.000



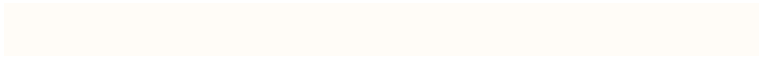
53, 0.007, 296.813

Same Dimension

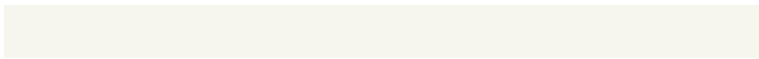
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 2.289, 82.281



99, 2.486, 82.269



97, 3.569, 112.545



51, 1.826, 82.200



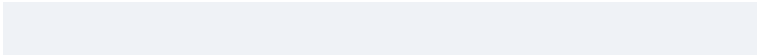
53, 65.726, 66.816



16, 24.843, 68.925

Inverse Universe

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



95, 2.298, 263.318



98, 2.494, 263.330



95, 3.613, 293.062



50, 1.827, 263.403



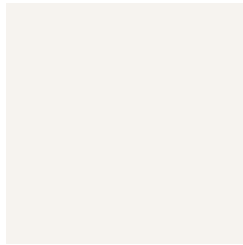
36, 65.591, 290.383



9, 25.180, 283.743

Previews

White Background



This preview shows how the CIE LCh color 96, 2.288, 82.221 looks on a white background.

Color Contrast Check

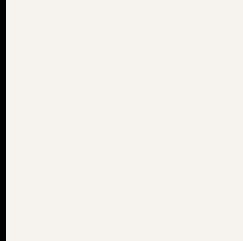
Large Text (above 18pt) WCAG AA × Fail

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, 2.288, 82.221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

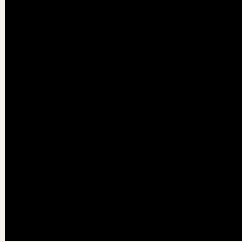
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

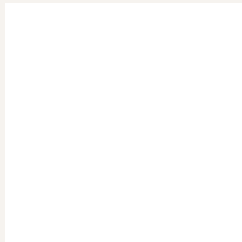
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 2.288, 82.221

Background



This preview shows how black text looks on a background with the CIELCh color 96, 2.288, 82.221.

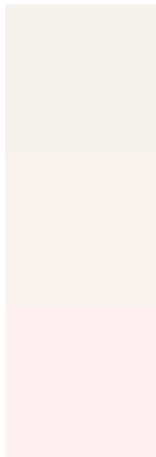


This preview shows how white text looks on a background with the CIELCh color 96, 2.288, 82.221.

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, 2.288, 82.221

Protanopia

96, 2.910, 51.087

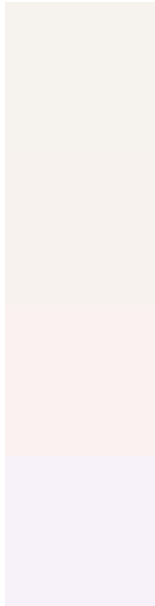
Deuteranopia

96, 5.448, 8.855



Tritanopia
96, 7.617, 309.293

Trichromacy



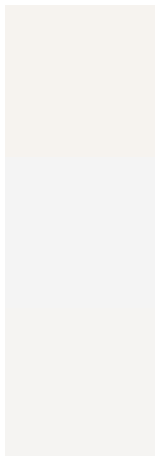
Original Color
96, 2.288, 82.221

Protanomaly
96, 2.612, 55.189

Deuteranomaly
96, 3.915, 19.504

Tritanomaly
96, 4.020, 316.248

Monochromacy



Original Color
96, 2.288, 82.221

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 1.068, 90.712

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 2.288, 82.221 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(246, 243, 239)` looks like.

```
.text, #text, p{  
    color:rgb(246, 243, 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(246, 243, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 243, 239) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 2.288, 82.221 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(246, 243, 239) }
```

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

```
.border{ border-color:rgb(246, 243, 239) }
```

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

Here you see how a box with a 4 pixel rgb(246, 243, 239) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 243, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 243, 239);  
box-shadow:4px 4px 4px 4px rgb(246, 243,  
239) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 2.288, 82.221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 243, 239) }
```

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

```
.background{ background-color: rgb(246,  
243, 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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