

Converting Colors

CIELCh(96, 2.159, 60.338)

Have a look what the booklet for
CIELCh(96, 2.159, 60.338) contains.

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Color

CIELCh(96, 2.072, 66.763)

Conversions

Conversions Part 1

Format	Color
Hex	F7F3F0
RGB	247, 243, 240
RGB Percent	97%, 95%, 94%
CMY	0.0321, 0.0478, 0.0596
CMYK	0.00, 0.02, 0.03, 0.03
HSL	26°, 30%, 95%
HSV	26°, 3%, 97%
XYZ	85.9850, 90.0078, 95.1329
YIQ	243.8540, 3.3470, -0.0850

Conversions

Conversions Part 2

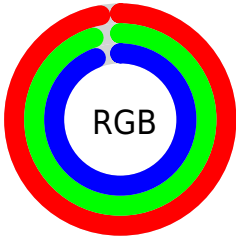
Format	Color
R_{YB}	247, 245, 240
Decimal	16249840
CIE Lab	96.00, 0.82, 1.90
CIE LCh	96, 2.072, 66.763
Yxy	90.0078, 0.3171, 0.3320
Android (android.graphics.Color)	4294439920 (0xFFFF7F3F0)
YUV	243.8540, -1.9000, 2.7590
Hunter-Lab	94.8724, -4.2482, 6.9580

Details

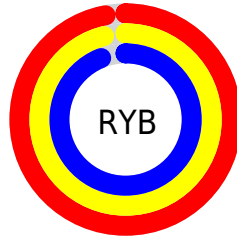
The CIELCh color **96, 2.072, 66.763** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **96, 2.066, 247.940**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 2.181, 66.730** is the 20% darker color. If you saturate the color by 10%, you get **92, 9.678, 65.920**, and if you desaturate by 10%, it is **99, 2.835, 199.459**.

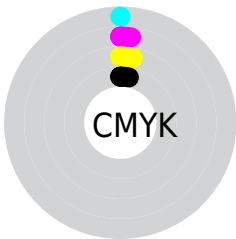
Distribution



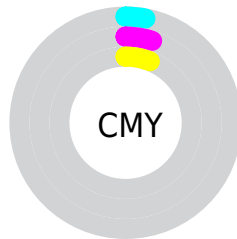
- Red (97%)
- Green (95%)
- Blue (94%)



- Red (97%)
- Yellow (96%)
- Blue (94%)



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (3%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 2.072, 66.763 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, 2.072, 66.763 by changing the saturation by 10% instead.

96, 2.072, 66.763

96, 2.072, 66.763

100, 2.072, 66.763

86, 2.072, 66.763

76, 2.072, 66.763

66, 2.072, 66.763

56, 2.072, 66.763

46, 2.072, 66.763

36, 2.072, 66.763

26, 2.072, 66.763

16, 2.072, 66.763

6, 2.072, 66.763

96, 2.072, 66.763

96, 2.072, 66.763

92, 9.678, 65.920

99, 2.835, 199.459

88, 17.740, 64.844

84, 26.293, 63.768

80, 35.359, 62.712

76, 44.912, 61.677

73, 54.846, 60.643

70, 64.879, 59.540

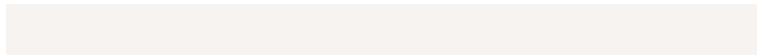
66, 74.389, 58.192

64, 82.235, 56.248

Harmonies

Complementary

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



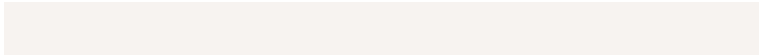
96, 2.072, 66.763



96, 2.066, 247.940

Rectangle

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



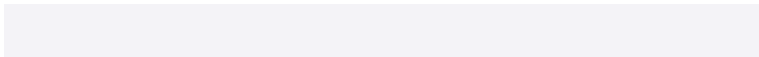
96, 2.072, 66.763



96, 2.072, 116.763



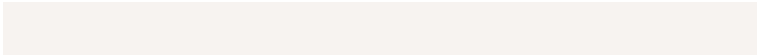
96, 2.072, 246.763



96, 2.072, 296.763

Sweetspot

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



96, 2.072, 66.835



100, 0.742, 66.592



95, 3.263, 339.500



53, 0.422, 66.561



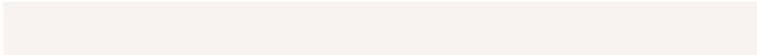
0, 0.000, 0.000



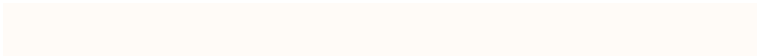
53, 0.007, 296.813

Same Dimension

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



96, 2.072, 66.835



99, 2.253, 66.830



97, 3.268, 106.273



50, 1.657, 66.791



47, 69.577, 55.121



13, 24.841, 54.287

Inverse Universe

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



96, 2.066, 247.940



99, 2.244, 247.946



95, 3.306, 286.929



50, 1.642, 247.992



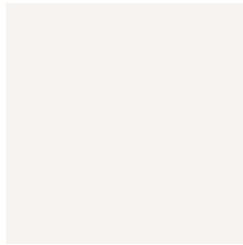
44, 49.380, 276.217



12, 19.584, 268.392

Previews

White Background



This preview shows how the CIE LCh color 96, 2.072, 66.763 looks on a white background.

Color Contrast Check

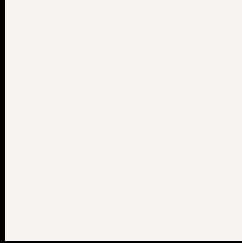
Large Text (above 18pt) WCAG AA × Fail

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, 2.072, 66.763 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

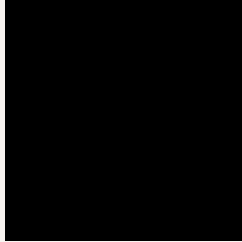
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

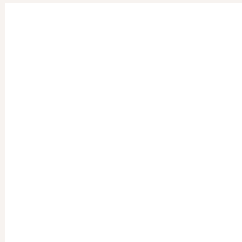
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 2.072, 66.763

Background



This preview shows how black text looks on a background with the CIELCh color 96, 2.072, 66.763.

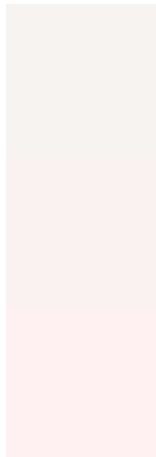


This preview shows how white text looks on a background with the CIELCh color 96, 2.072, 66.763.

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, 2.072, 66.763

Protanopia

96, 2.679, 41.736

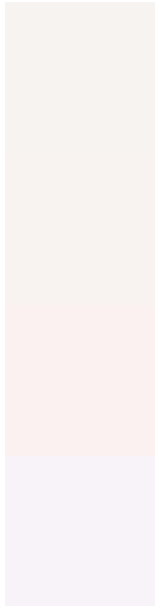
Deuteranopia

96, 5.448, 8.855



Tritanopia
96, 7.617, 309.293

Trichromacy



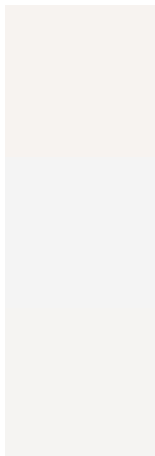
Original Color
96, 2.072, 66.763

Protanomaly
96, 2.351, 45.011

Deuteranomaly
96, 3.915, 19.504

Tritanomaly
96, 4.188, 320.560

Monochromacy



Original Color
96, 2.072, 66.763

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, 2.072, 66.763 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(247, 243, 240)` looks like.

```
.text, #text, p{  
    color:rgb(247, 243, 240)  
}
```

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(247, 243, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 243, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 2.072, 66.763 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(247, 243, 240) }
```

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

```
.border{ border-color:rgb(247, 243, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 243, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 243, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 243, 240); box-shadow:4px 4px 4px 4px rgb(247, 243, 240) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 2.072, 66.763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 243, 240) }
```

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

```
.background{ background-color: rgb(247,  
243, 240) }
```

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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