

Converting Colors

CIELCh(96, 1.848, 93.243)

Have a look what the booklet for
CIELCh(96, 1.848, 93.243) contains.

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Color

CIELCh(96, 1.674, 84.961)

Conversions

Conversions Part 1

Format	Color
Hex	F5F3F0
RGB	245, 243, 240
RGB Percent	96%, 95%, 94%
CMY	0.0383, 0.0461, 0.0579
CMYK	0.00, 0.01, 0.02, 0.04
HSL	36°, 20%, 95%
HSV	36°, 2%, 96%
XYZ	85.6279, 90.0078, 95.4861
YIQ	243.2560, 2.1550, -0.5090

Conversions

Conversions Part 2

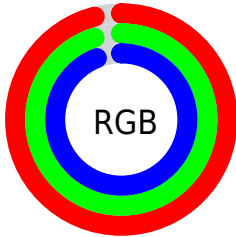
Format	Color
R _Y B	243, 245, 240
Decimal	16118768
CIE Lab	96.00, 0.15, 1.67
CIE LCh	96, 1.674, 84.961
Yxy	90.0078, 0.3158, 0.3320
Android (android.graphics.Color)	4294308848 (0xFF5F3F0)
YUV	243.2560, -1.6052, 1.5295
Hunter-Lab	94.8724, -4.9201, 6.7372

Details

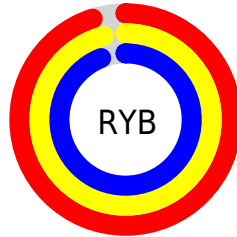
The CIELCh color **96, 1.674, 84.961** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **96, 1.691, 265.953**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 1.761, 84.934** is the 20% darker color. If you saturate the color by 10%, you get **93, 10.088, 83.923**, and if you desaturate by 10%, it is **99, 2.861, 219.946**.

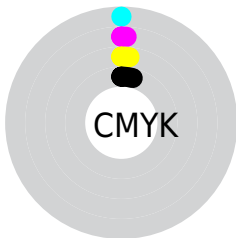
Distribution



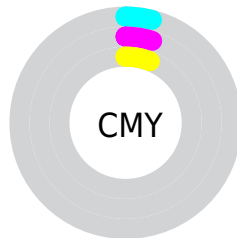
- Red (96%)
- Green (95%)
- Blue (94%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (4%)

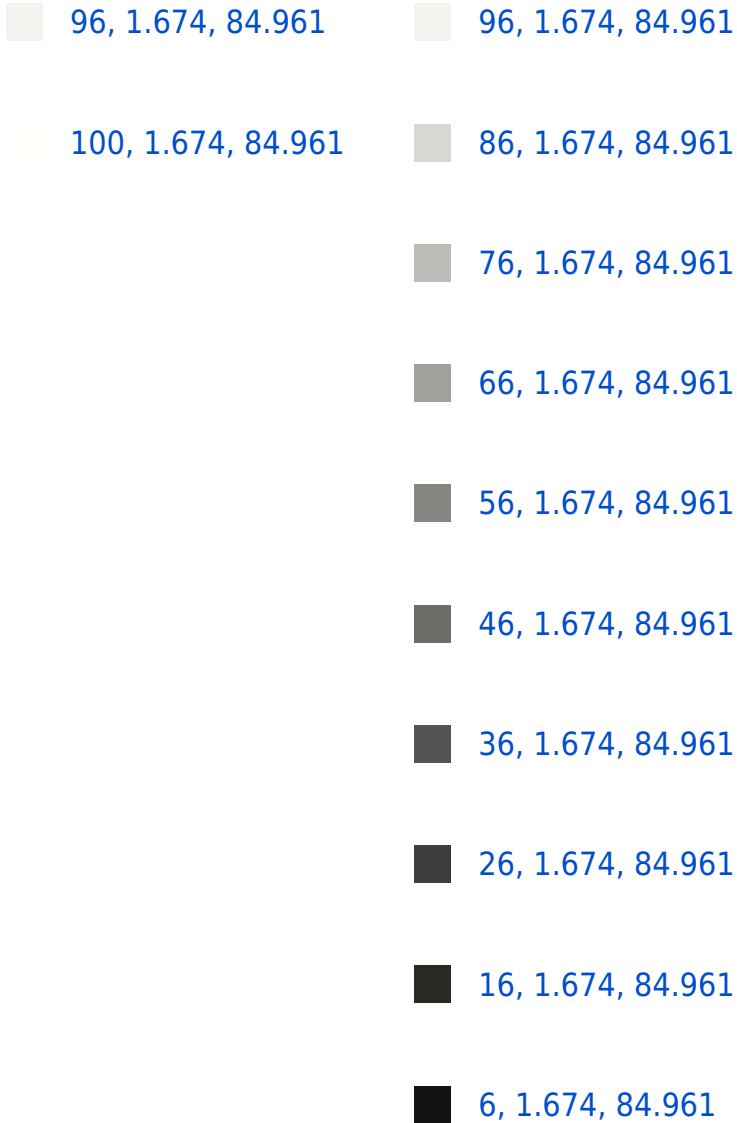


- Cyan (4%)
- Magenta (5%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 1.674, 84.961 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, 1.674, 84.961 by changing the saturation by 10% instead.



96, 1.674, 84.961

96, 1.674, 84.961

93, 10.088, 83.923

99, 2.861, 219.946

90, 18.759, 82.612

99, 3.373, 199.388

87, 27.688, 81.254

84, 36.843, 79.857

82, 46.143, 78.416

79, 55.400, 76.910

76, 64.245, 75.282

74, 72.007, 73.412

72, 77.695, 71.082

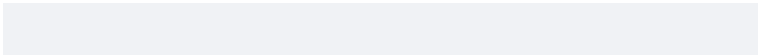
Harmonies

Complementary

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



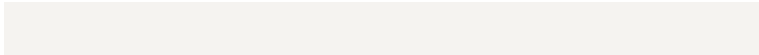
96, 1.674, 84.961



96, 1.691, 265.953

Rectangle

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



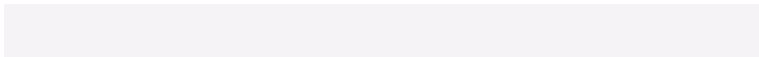
96, 1.674, 84.961



96, 1.674, 134.961



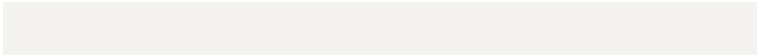
96, 1.674, 264.961



96, 1.674, 314.961

Sweetspot

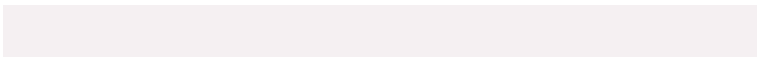
The Sweet Spot groups the original color and five complimentary colors.



96, 1.675, 85.040



100, 0.842, 84.959



95, 2.060, 349.345



53, 0.478, 84.943



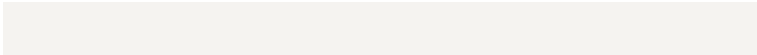
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



96, 1.675, 85.040



99, 1.696, 85.041



96, 2.553, 113.931



51, 0.932, 85.042



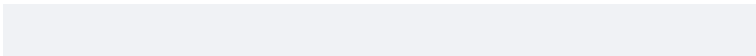
54, 65.361, 69.453



16, 25.049, 71.883

Inverse Universe

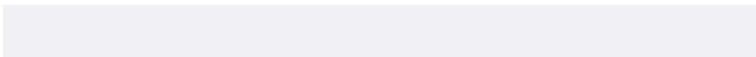
The Inverse Universe completely reimagines the original color for something new.



96, 1.691, 265.953



99, 1.712, 265.952



95, 2.586, 294.286



51, 0.941, 265.950



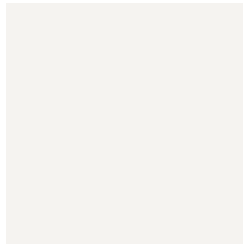
35, 69.129, 292.499



8, 26.465, 286.129

Previews

White Background



This preview shows how the CIELCh color 96, 1.674, 84.961 looks on a white background.

Color Contrast Check

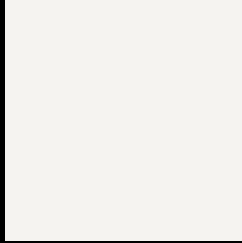
Large Text (above 18pt) WCAG AA × Fail

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, 1.674, 84.961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

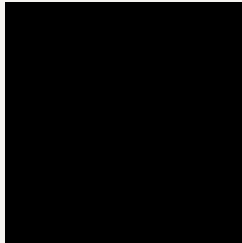
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

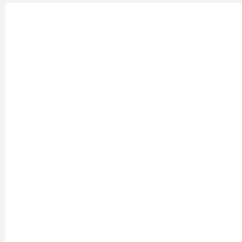
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 1.674, 84.961

Background



This preview shows how black text looks on a background with the CIELCh color 96, 1.674, 84.961.

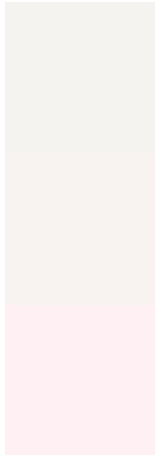


This preview shows how white text looks on a background with the CIELCh color 96, 1.674, 84.961.

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, 1.674, 84.961

Protanopia

96, 2.351, 45.011

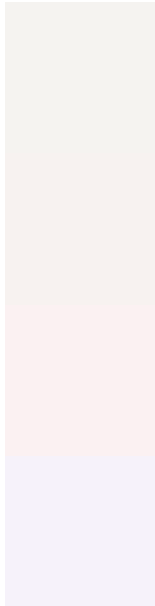
Deuteranopia

96, 5.564, 3.684



Tritanopia
96, 7.510, 306.784

Trichromacy



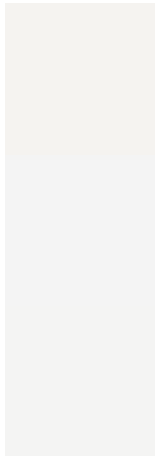
Original Color
96, 1.674, 84.961

Protanomaly
96, 2.035, 49.325

Deuteranomaly
96, 3.593, 11.294

Tritanomaly
96, 4.358, 309.177

Monochromacy



Original Color
96, 1.674, 84.961

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 0.500, 109.990

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 1.674, 84.961 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(245, 243, 240)` looks like.

```
.text, #text, p{  
    color:rgb(245, 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(245, 243, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 243, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 1.674, 84.961 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(245, 243, 240) }
```

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

```
.border{ border-color:rgb(245, 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(245, 243, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 243, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 243, 240);  
box-shadow:4px 4px 4px 4px rgb(245, 243,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 1.674, 84.961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 243, 240) }
```

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

```
.background{ background-color: rgb(245,  
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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