

Converting Colors

CIELCh(96, 1.855, 42.965)

Have a look what the booklet for
CIELCh(96, 1.855, 42.965) contains.

CIELCh(96, 1.734, 55.175)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(96, 1.734, 55.175)

Conversions

Conversions Part 1

Format	Color
Hex	F7F3F1
RGB	247, 243, 241
RGB Percent	97%, 95%, 95%
CMY	0.0324, 0.0481, 0.0559
CMYK	0.00, 0.02, 0.02, 0.03
HSL	20°, 27%, 96%
HSV	20°, 2%, 97%
XYZ	86.0772, 90.0078, 95.8519
YIQ	243.9680, 3.0260, 0.2260

Conversions

Conversions Part 2

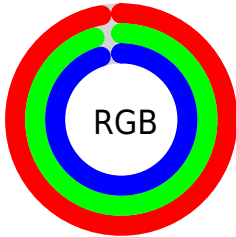
Format	Color
RYB	247, 244, 241
Decimal	16249841
CIELab	96.00, 0.99, 1.42
CIELCh	96, 1.734, 55.175
Yxy	90.0078, 0.3165, 0.3310
Android (android.graphics.Color)	4294439921 (0xFFFF7F3F1)
YUV	243.9680, -1.4632, 2.6591
Hunter-Lab	94.8724, -4.0747, 6.5086

Details

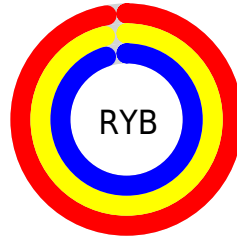
The CIELCh color **96, 1.734, 55.175** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **96, 1.724, 236.315**, and the grayscale version is **96, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **76, 1.825, 55.193** is the 20% darker color. If you saturate the color by 10%, you get **91, 9.205, 54.741**, and if you desaturate by 10%, it is **99, 2.859, 199.456**.

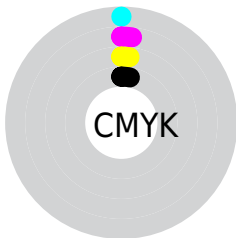
Distribution



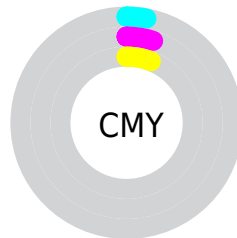
- Red (97%)
- Green (95%)
- Blue (95%)



- Red (97%)
- Yellow (96%)
- Blue (95%)



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 96, 1.734, 55.175 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, 1.734, 55.175 by changing the saturation by 10% instead.

96, 1.734, 55.175

96, 1.734, 55.175

100, 1.734, 55.175

86, 1.734, 55.175

76, 1.734, 55.175

66, 1.734, 55.175

56, 1.734, 55.175

46, 1.734, 55.175

36, 1.734, 55.175

26, 1.734, 55.175

16, 1.734, 55.175

6, 1.734, 55.175

96, 1.734, 55.175

96, 1.734, 55.175

91, 9.205, 54.741

99, 2.859, 199.456

87, 17.230, 54.027

82, 25.861, 53.358

78, 35.131, 52.766

74, 45.039, 52.266

70, 55.503, 51.850

66, 66.285, 51.460

63, 76.809, 50.924

60, 85.881, 49.842

Harmonies

Complementary

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



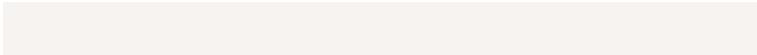
96, 1.734, 55.175



96, 1.724, 236.315

Rectangle

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



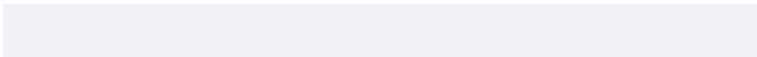
96, 1.734, 55.175



96, 1.734, 105.175



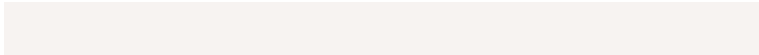
96, 1.734, 235.175



96, 1.734, 285.175

Sweetspot

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



96, 1.734, 55.263



100, 0.725, 54.901



96, 2.970, 335.698



53, 0.412, 54.863



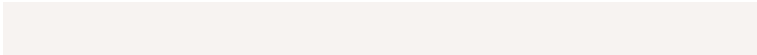
0, 0.000, 0.000



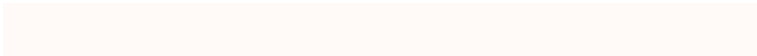
53, 0.007, 296.813

Same Dimension

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



96, 1.734, 55.263



99, 2.203, 55.280



97, 2.563, 102.004



50, 1.620, 55.273



44, 73.281, 49.147



12, 25.671, 45.545

Inverse Universe

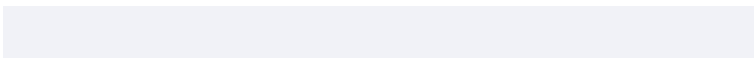
The Inverse Universe completely reimagines the original color for something new.



96, 1.724, 236.315



99, 2.181, 236.302



95, 2.592, 282.667



51, 1.596, 236.315



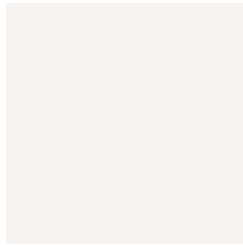
49, 40.967, 262.222



14, 16.925, 254.235

Previews

White Background



This preview shows how the CIELCh color 96, 1.734, 55.175 looks on a white background.

Color Contrast Check

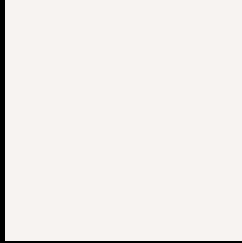
Large Text (above 18pt) WCAG AA × Fail

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, 1.734, 55.175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

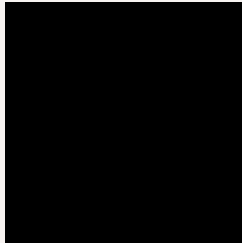
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

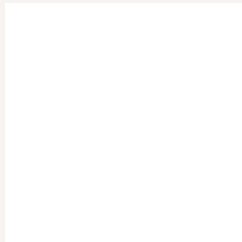
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 96, 1.734, 55.175

Background



This preview shows how black text looks on a background with the CIELCh color 96, 1.734, 55.175.

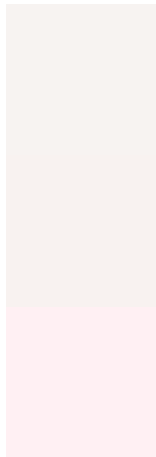


This preview shows how white text looks on a background with the CIELCh color 96, 1.734, 55.175.

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, 1.734, 55.175

Protanopia

96, 2.351, 45.011

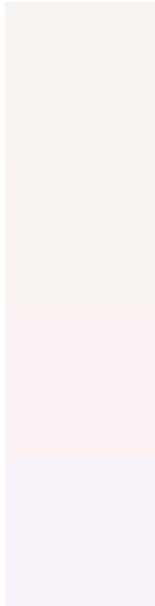
Deuteranopia

96, 5.564, 3.684



Tritanopia
96, 7.617, 309.293

Trichromacy



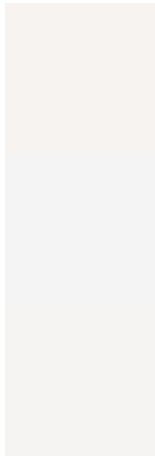
Original Color
96, 1.734, 55.175

Protanomaly
96, 2.351, 45.011

Deuteranomaly
96, 3.948, 12.075

Tritanomaly
96, 4.637, 317.382

Monochromacy



Original Color
96, 1.734, 55.175

Achromatopsia
96, 0.011, 296.813

Achromatomaly
96, 0.609, 74.618

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 96, 1.734, 55.175 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, 241)` looks like.

```
.text, #text, p{  
    color:rgb(247, 243, 241)  
}
```

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, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 243, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 96, 1.734, 55.175 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, 241) }
```

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

```
.border{ border-color:rgb(247, 243, 241) }
```

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, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 243, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 243, 241);  
box-shadow:4px 4px 4px 4px rgb(247, 243,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 96, 1.734, 55.175 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, 241) }
```

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

```
.background{ background-color: rgb(247,  
243, 241) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor