

# Converting Colors

CIELCh(96, 5.664, 350.311)

Have a look what the booklet for  
CIELCh(96, 5.664, 350.311) contains.

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# **Color**

**CIELCh(96, 5.605, 352.534)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEF0F5
RGB	254, 240, 245
RGB Percent	100%, 94%, 96%
CMY	0.0038, 0.0587, 0.0391
CMYK	0.00, 0.06, 0.04, 0.00
HSL	339°, 88%, 97%
HSV	339°, 6%, 100%
XYZ	88.5384, 90.0078, 99.1162
YIQ	244.7560, 6.7390, 4.5230

# Conversions

## Conversions Part 2

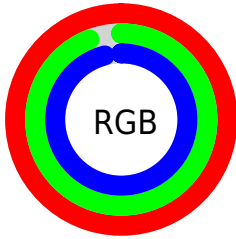
<b>Format</b>	<b>Color</b>
<b>RYB</b>	254, 240, 245
Decimal	16707829
CIELab	96.00, 5.56, -0.73
CIELCh	96, 5.605, 352.534
Yxy	90.0078, 0.3189, 0.3242
Android (android.graphics.Color)	4294897909 (0xFFFEF0F5)
YUV	244.7560, 0.1203, 8.1070
Hunter-Lab	94.8724, 0.5559, 4.4686

# Details

The CIELCh color **96, 5.605, 352.534** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **99, 5.522, 171.735**, 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, 5.558, 350.884** is the 20% darker color. If you saturate the color by 10%, you get **89, 16.046, 353.622**, and if you desaturate by 10%, it is **100, 0.336, 201.355**.

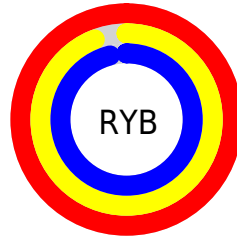
# Distribution



Red (100%)

Green (94%)

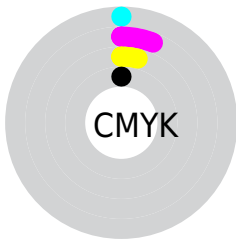
Blue (96%)



Red (100%)

Yellow (94%)

Blue (96%)

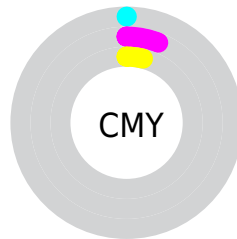


Cyan (0%)

Magenta (6%)

Yellow (4%)

Black (0%)



Cyan (0%)

Magenta (6%)

Yellow (4%)

# Brightness & Saturation Gradients


These gradients show how the CIELCh color 96, 5.605, 352.534 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, 5.605, 352.534 by changing the saturation by 10% instead.



 96, 5.605, 352.534

 96, 5.605, 352.534

 100, 5.605,  
352.534

 86, 5.605, 352.534

 76, 5.605, 352.534

 66, 5.605, 352.534

 56, 5.605, 352.534

 46, 5.605, 352.534

 36, 5.605, 352.534

 26, 5.605, 352.534

 16, 5.605, 352.534

 6, 5.605, 352.534

96, 5.605, 352.534

96, 5.605, 352.534

89, 16.046,  
353.622

100, 0.336,  
201.355

83, 26.779,  
354.800

77, 37.633,  
356.171

71, 48.331,  
357.809

66, 58.470,  
359.814

62, 67.543, 2.323

58, 75.034, 5.510

56, 80.615, 9.555

54, 84.397, 14.563



# Harmonies

# Complementary

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



96, 5.605, 352.534



99, 5.522, 171.735

# Rectangle

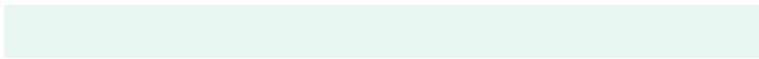
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



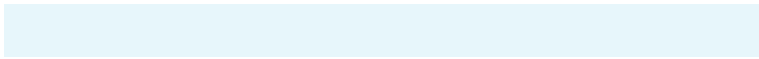
96, 5.605, 352.534



96, 5.605, 42.534



96, 5.605, 172.534



96, 5.605, 222.534

# Sweetspot

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



96, 5.603, 352.546



99, 2.030, 352.048



96, 7.857, 313.790



53, 1.154, 352.025



0, 0.000, 0.000



53, 0.007, 296.813





# Same Dimension

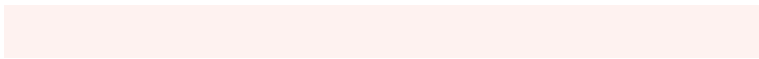
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96, 5.603, 352.546



95, 7.158, 352.710



96, 4.425, 31.962



50, 4.656, 352.775



40, 69.071, 15.961

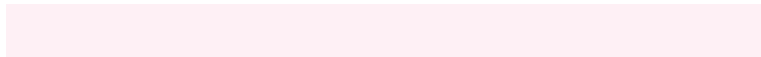


10, 31.298, 8.432



# Inverse Universe

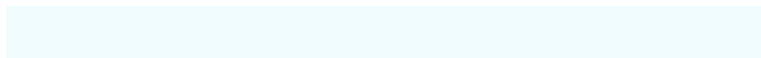
The Inverse Universe completely reimagines the original color for something new.



96, 5.603, 352.546



95, 7.158, 352.710



98, 4.273, 212.184



50, 4.656, 352.775



40, 69.071, 15.961

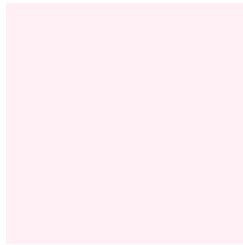


10, 31.298, 8.432



# Previews

## White Background



This preview shows how the CIELCh color 96, 5.605, 352.534 looks on a white background.

## Color Contrast Check

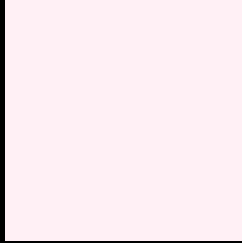
Large Text (above 18pt) WCAG AA × Fail

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, 5.605, 352.534 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

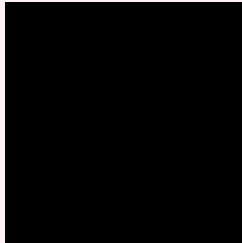
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

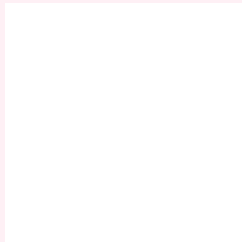
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# CIELCh 96, 5.605, 352.534

## Background



This preview shows how black text looks on a background with the CIELCh color 96, 5.605, 352.534.

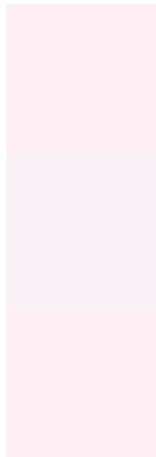


This preview shows how white text looks on a background with the CIELCh color 96, 5.605, 352.534.

# 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, 5.605, 352.534

### Protanopia

96, 2.725, 330.522

### Deuteranopia

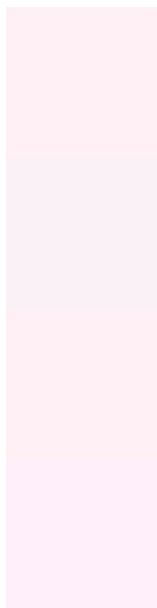
96, 5.924, 354.146





**Tritanopia**  
96, 9.783, 323.048

# Trichromacy



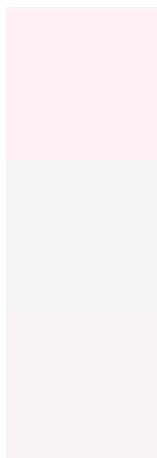
**Original Color**  
96, 5.605, 352.534

**Protanomaly**  
96, 4.106, 340.945

**Deuteranomaly**  
96, 5.924, 354.146

**Tritanomaly**  
96, 8.142, 330.851

# Monochromacy



**Original Color**  
96, 5.605, 352.534

**Achromatopsia**  
97, 0.011, 296.813

**Achromatomaly**  
96, 2.055, 349.341

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 96, 5.605, 352.534 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, 240, 245)` looks like.

```
.text, #text, p{  
    color:rgb(254, 240, 245)  
}
```

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, 240, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 240, 245) }
```

## Border

The CSS property to change the border of an element to CIELCh 96, 5.605, 352.534 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, 240, 245) }
```

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

```
.border{ border-color:rgb(254, 240, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 240, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 240, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 240, 245);  
box-shadow:4px 4px 4px 4px rgb(254, 240,  
245) }
```

# Background

The CSS property to change the background color of an element to CIELCh 96, 5.605, 352.534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 240, 245) }
```

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

```
.background{ background-color: rgb(254,  
240, 245) }
```

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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