

# Converting Colors

CIE LCh(95, 6.103, 340.121)

Have a look what the booklet for  
CIELCh(95, 6.103, 340.121) contains.

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# **Color**

**CIELCh(95, 6.196, 338.237)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAEDF5
RGB	250, 237, 245
RGB Percent	98%, 93%, 96%
CMY	0.0190, 0.0699, 0.0386
CMYK	0.00, 0.05, 0.02, 0.02
HSL	323°, 57%, 96%
HSV	323°, 5%, 98%
XYZ	86.3197, 87.6183, 98.8784
YIQ	241.7990, 5.1800, 5.2440

# Conversions

## Conversions Part 2

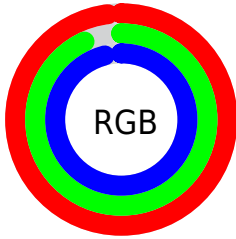
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	250, 237, 245
Decimal	16444917
CIE Lab	95.00, 5.75, -2.30
CIE LCh	95, 6.196, 338.237
Yxy	87.6183, 0.3164, 0.3212
Android (android.graphics.Color)	4294634997 (0xFFFAEDF5)
YUV	241.7990, 1.5781, 7.1923
Hunter-Lab	93.6047, 0.7997, 2.8928

# Details

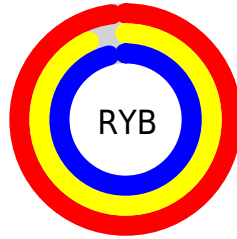
The CIELCh color `95, 6.196, 338.237` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `97, 6.156, 157.610`, and the grayscale version is `95, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `75, 6.507, 338.358` is the 20% darker color. If you saturate the color by 10%, you get `89, 18.274, 339.071`, and if you desaturate by 10%, it is `100, 1.684, 196.032`.

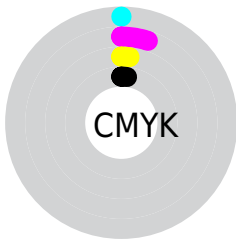
# Distribution



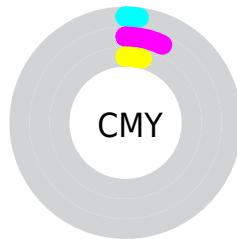
- Red (98%)
- Green (93%)
- Blue (96%)



- Red (98%)
- Yellow (93%)
- Blue (96%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (2%)



- Cyan (2%)
- Magenta (7%)
- Yellow (4%)

# Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 6.196, 338.237 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 95, 6.196, 338.237 by changing the saturation by 10% instead.



 95, 6.196, 338.237

 95, 6.196, 338.237

 100, 6.196,  
338.237

 85, 6.196, 338.237

 75, 6.196, 338.237

 65, 6.196, 338.237

 55, 6.196, 338.237

 45, 6.196, 338.237

 35, 6.196, 338.237

 25, 6.196, 338.237

 15, 6.196, 338.237

 5, 6.196, 338.237

95, 6.196, 338.237

95, 6.196, 338.237

89, 18.274,  
339.071

100, 1.684,  
196.032

83, 30.458,  
339.931

100, 1.679,  
199.694

77, 42.514,  
340.871

71, 54.092,  
341.916

67, 64.708,  
343.107

62, 73.769,  
344.497

59, 80.655,  
346.170

57, 84.892,  
348.232

■ 55, 86.386,  
350.806

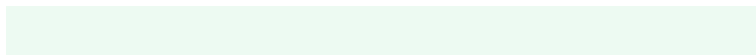
# Harmonies

# Complementary

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



95, 6.196, 338.237



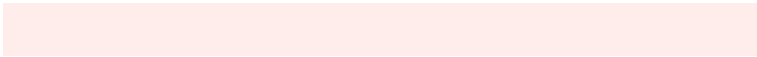
97, 6.156, 157.610

# Rectangle

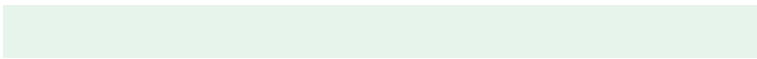
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



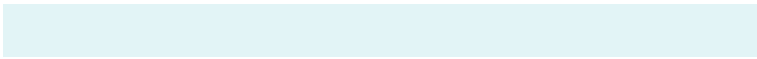
95, 6.196, 338.237



95, 6.196, 28.237



95, 6.196, 158.237



95, 6.196, 208.237

# Sweetspot

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



95, 6.193, 338.242



99, 2.418, 337.894



95, 6.939, 305.145



53, 1.375, 337.877



0, 0.000, 0.000



53, 0.007, 296.813





# Same Dimension

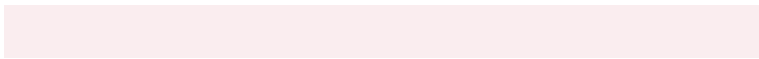
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 6.193, 338.242



96, 7.270, 338.313



95, 4.708, 10.102



50, 4.746, 338.367



41, 70.161, 351.643

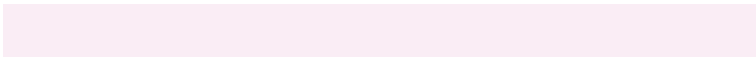


10, 32.569, 347.685



# Inverse Universe

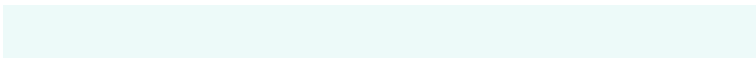
The Inverse Universe completely reimagines the original color for something new.



95, 6.193, 338.242



96, 7.270, 338.313



97, 4.586, 189.520



50, 4.746, 338.367



41, 70.161, 351.643

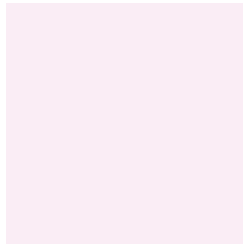


10, 32.569, 347.685



# Previews

## White Background



This preview shows how the CIE LCh color 95, 6.196, 338.237 looks on a white background.

## Color Contrast Check

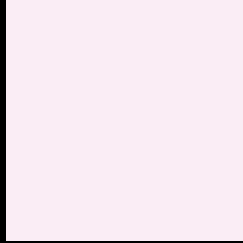
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the CIELCh color 95, 6.196, 338.237 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

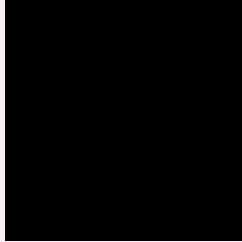
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

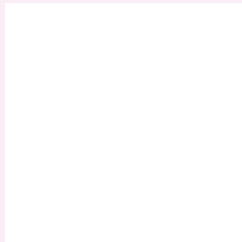
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**CIELCh 95, 6.196, 338.237**

## **Background**



This preview shows how black text looks on a background with the CIELCh color 95, 6.196, 338.237.

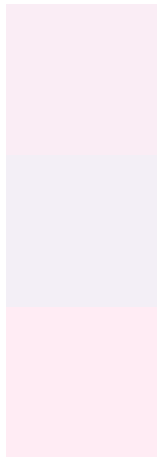


This preview shows how white text looks on a background with the CIELCh color 95, 6.196, 338.237.

# 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

95, 6.196, 338.237

### Protanopia

95, 3.886, 311.601

### Deuteranopia

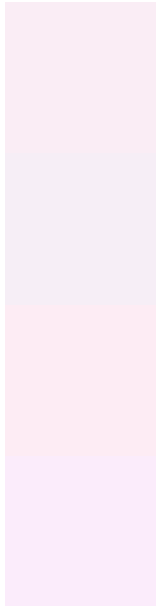
95, 7.925, 348.738





**Tritanopia**  
95, 10.859, 321.717

# Trichromacy



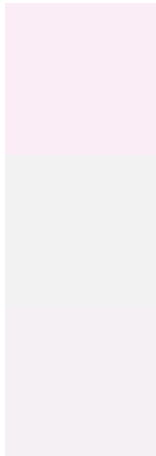
**Original Color**  
95, 6.196, 338.237

**Protanomaly**  
95, 5.015, 324.561

**Deuteranomaly**  
95, 7.324, 345.774

**Tritanomaly**  
95, 9.379, 324.739

# Monochromacy



**Original Color**  
95, 6.196, 338.237

**Achromatopsia**  
95, 0.011, 296.813

**Achromatomaly**  
95, 2.362, 338.602

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 95, 6.196, 338.237 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(250, 237, 245)` looks like.

```
.text, #text, p{  
    color:rgb(250, 237, 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(250, 237, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 237, 245) }
```

## Border

The CSS property to change the border of an element to CIELCh 95, 6.196, 338.237 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(250, 237, 245) }
```

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

```
.border{ border-color:rgb(250, 237, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 237, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 237, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 237, 245);  
box-shadow:4px 4px 4px 4px rgb(250, 237,  
245) }
```

# Background

The CSS property to change the background color of an element to CIELCh 95, 6.196, 338.237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 237, 245) }
```

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

```
.background{ background-color: rgb(250,  
237, 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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