

# Converting Colors

CIELCh(95, 6.929, 312.181)

Have a look what the booklet for  
CIELCh(95, 6.929, 312.181) contains.

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# **Color**

**CIELCh(95, 7.150, 310.601)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5EEFB
RGB	245, 238, 251
RGB Percent	96%, 93%, 98%
CMY	0.0388, 0.0662, 0.0152
CMYK	0.02, 0.05, 0.00, 0.02
HSL	272°, 63%, 96%
HSV	272°, 5%, 98%
XYZ	85.7321, 87.6183, 103.7525
YIQ	241.5750, -0.0010, 5.5270

# Conversions

## Conversions Part 2

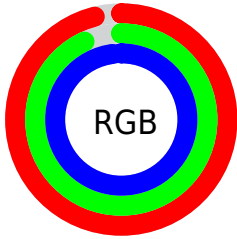
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	245, 238, 251
Decimal	16117499
CIE <sub>Lab</sub>	95.00, 4.65, -5.43
CIE <sub>LCh</sub>	95, 7.150, 310.601
Yxy	87.6183, 0.3094, 0.3162
Android (android.graphics.Color)	4294307579 (0xFF5EEFB)
YUV	241.5750, 4.6465, 3.0037
Hunter-Lab	93.6047, -0.3209, -0.1944

# Details

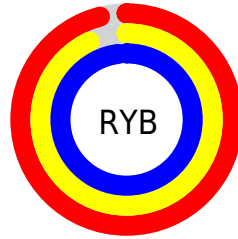
The CIELCh color **95, 7.150, 310.601** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **98, 7.083, 130.197**, and the grayscale version is **95, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **75, 7.511, 310.667** is the 20% darker color. If you saturate the color by 10%, you get **88, 21.235, 311.068**, and if you desaturate by 10%, it is **100, 1.960, 109.992**.

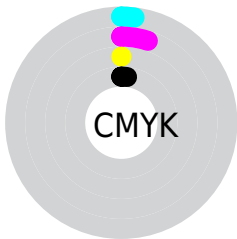
# Distribution



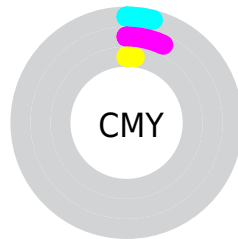
- Red (96%)
- Green (93%)
- Blue (98%)



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



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



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

# Brightness & Saturation Gradients

These gradients show how the CIELCh color 95, 7.150, 310.601 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, 7.150, 310.601 by changing the saturation by 10% instead.





95, 7.150, 310.601

95, 7.150, 310.601

88, 21.235,  
311.068

100, 1.960,  
109.992

81, 35.671,  
311.561

74, 50.352,  
312.072

67, 65.082,  
312.579

61, 79.525,  
313.042

55, 93.143,  
313.402

50, 105.155,  
313.576

46, 114.599,  
313.456

■ 43,120.634,  
312.943

# Harmonies

# Complementary

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



95, 7.150, 310.601



98, 7.083, 130.197

# Rectangle

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



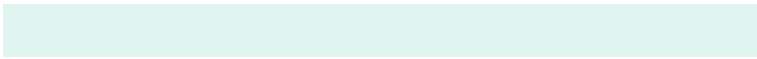
95, 7.150, 310.601



95, 7.150, 0.601



95, 7.150, 130.601



95, 7.150, 180.601

# Sweetspot

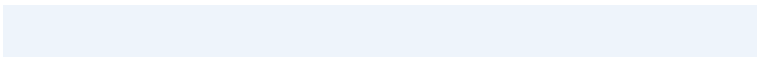
The Sweet Spot groups the original color and five complimentary colors.



95, 7.147, 310.596



99, 2.791, 310.425



96, 4.099, 259.707



53, 1.587, 310.418



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, 7.147, 310.596



96, 8.398, 310.636



95, 7.940, 325.592



50, 5.483, 310.666



31, 98.703, 312.788

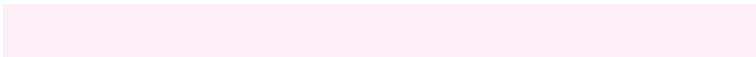


6, 43.261, 313.799



# Inverse Universe

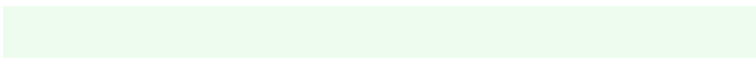
The Inverse Universe completely reimagines the original color for something new.



95, 5.563, 346.122



96, 6.537, 346.207



97, 7.919, 145.082



50, 4.269, 346.272



40, 67.330, 5.754

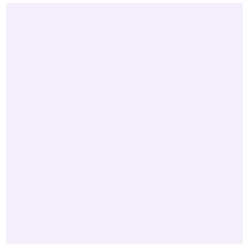


10, 30.756, 359.290



# Previews

## White Background



This preview shows how the CIE LCh color 95, 7.150, 310.601 looks on a white background.

## Color Contrast Check

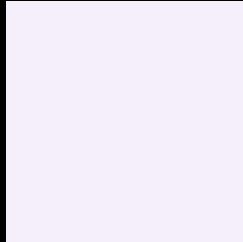
Large Text (above 18pt) WCAG AA × Fail

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 95, 7.150, 310.601 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

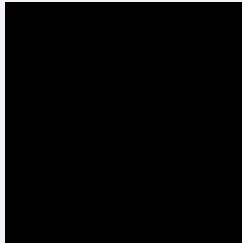
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

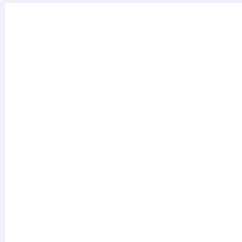
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# **CIELCh 95, 7.150, 310.601**

## **Background**



This preview shows how black text looks on a background with the CIELCh color 95, 7.150, 310.601.

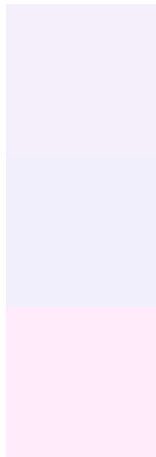


This preview shows how white text looks on a background with the CIELCh color 95, 7.150, 310.601.

# 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, 7.150, 310.601

### Protanopia

95, 6.784, 299.511

### Deuteranopia

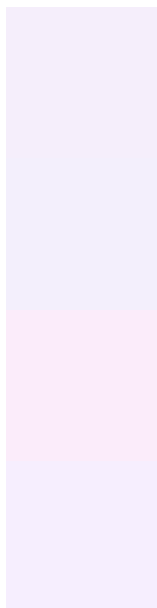
95, 10.481, 332.816





**Tritanopia**  
95, 9.208, 308.327

# Trichromacy



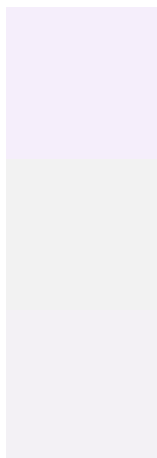
**Original Color**  
95, 7.150, 310.601

**Protanomaly**  
95, 6.849, 302.378

**Deuteranomaly**  
95, 8.962, 326.589

**Tritanomaly**  
95, 8.721, 309.333

# Monochromacy



**Original Color**  
95, 7.150, 310.601

**Achromatopsia**  
95, 0.011, 296.813

**Achromatomaly**  
95, 2.188, 309.077

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 95, 7.150, 310.601 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, 238, 251)` looks like.

```
.text, #text, p{  
    color:rgb(245, 238, 251)  
}
```

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, 238, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 238, 251) }
```

## Border

The CSS property to change the border of an element to CIELCh 95, 7.150, 310.601 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, 238, 251) }
```

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

```
.border{ border-color:rgb(245, 238, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 238, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 238, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 238, 251);  
box-shadow:4px 4px 4px 4px rgb(245, 238,  
251) }
```

# Background

The CSS property to change the background color of an element to CIELCh 95, 7.150, 310.601 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 238, 251) }
```

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

```
.background{ background-color: rgb(245,  
238, 251) }
```

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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