

# Converting Colors

CIELCh(95, 8.397, 339.115)

Have a look what the booklet for  
CIELCh(95, 8.397, 339.115) contains.

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# **Color**

**CIELCh(95, 8.542, 338.597)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<a href="#">FEECF7</a>
RGB	<a href="#">254, 236, 247</a>
RGB Percent	<a href="#">100%, 93%, 97%</a>
CMY	<a href="#">0.0047, 0.0752, 0.0321</a>
CMYK	<a href="#">0.00, 0.07, 0.03, 0.00</a>
HSL	<a href="#">323°, 88%, 96%</a>
HSV	<a href="#">323°, 7%, 100%</a>
XYZ	<a href="#">87.5009, 87.6183, 100.1395</a>
YIQ	<a href="#">242.6360, 7.1970, 7.2370</a>

# Conversions

## Conversions Part 2

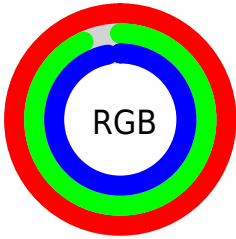
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	254, 236, 247
Decimal	16706807
CIE Lab	95.00, 7.95, -3.12
CIE LCh	95, 8.542, 338.597
Yxy	87.6183, 0.3179, 0.3183
Android (android.graphics.Color)	4294896887 (0xFFFEECF7)
YUV	242.6360, 2.1515, 9.9662
Hunter-Lab	93.6047, 3.0521, 2.0940

# Details

The CIELCh color `95, 8.542, 338.597` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `98, 8.482, 157.636`, 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 `75, 8.693, 337.084` is the 20% darker color. If you saturate the color by 10%, you get `89, 20.761, 339.430`, and if you desaturate by 10%, it is `100, 0.414, 200.978`.

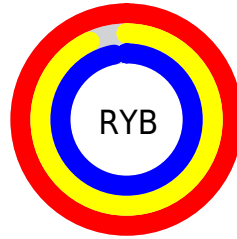
# Distribution



Red (100%)

Green (93%)

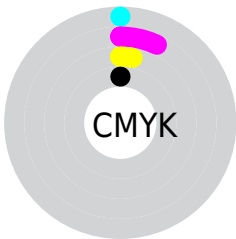
Blue (97%)



Red (100%)

Yellow (93%)

Blue (97%)

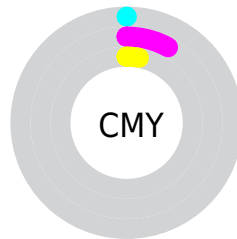


Cyan (0%)

Magenta (7%)

Yellow (3%)

Black (0%)



Cyan (0%)

Magenta (8%)

Yellow (3%)

# Brightness & Saturation Gradients


These gradients show how the CIELCh color 95, 8.542, 338.597 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, 8.542, 338.597 by changing the saturation by 10% instead.



 95, 8.542, 338.597

 95, 8.542, 338.597

 100, 8.542,  
338.597

 85, 8.542, 338.597

 75, 8.542, 338.597

 65, 8.542, 338.597

 55, 8.542, 338.597

 45, 8.542, 338.597

 35, 8.542, 338.597

 25, 8.542, 338.597

 15, 8.542, 338.597

 5, 8.542, 338.597

95, 8.542, 338.597

95, 8.542, 338.597

89, 20.761,  
339.430

100, 0.414,  
200.978

83, 33.053,  
340.310

77, 45.160,  
341.275

71, 56.703,  
342.356

67, 67.170,  
343.594

62, 75.945,  
345.051

59, 82.412,  
346.816

57, 86.148,  
349.004

■ 56, 87.177,  
351.734

# Harmonies

# Complementary

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



95, 8.542, 338.597



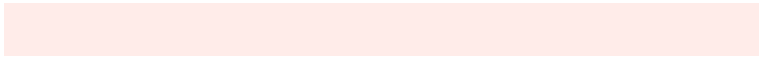
98, 8.482, 157.636

# Rectangle

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



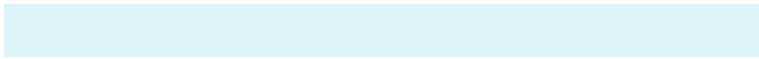
95, 8.542, 338.597



95, 8.542, 28.597



95, 8.542, 158.597



95, 8.542, 208.597

# Sweetspot

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



95, 8.539, 338.601



99, 2.410, 338.087



94, 9.606, 305.250



53, 1.371, 338.070



0, 0.000, 0.000



53, 0.007, 296.813





# Same Dimension

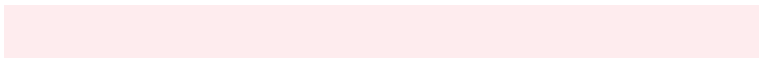
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95, 8.539, 338.601



94, 10.902, 338.760



95, 6.539, 10.307



50, 6.890, 338.801



42, 70.713, 352.033



11, 33.330, 348.179



# Inverse Universe

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



95, 8.539, 338.601



94, 10.902, 338.760



98, 6.312, 189.331



50, 6.890, 338.801



42, 70.713, 352.033

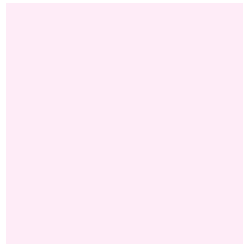


11, 33.330, 348.179



# Previews

## White Background



This preview shows how the CIELCh color 95, 8.542, 338.597 looks on a white background.

## Color Contrast Check

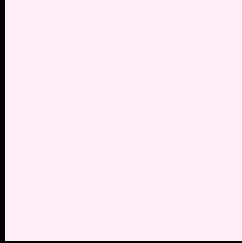
Large Text (above 18pt) WCAG AA × Fail

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, 8.542, 338.597 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

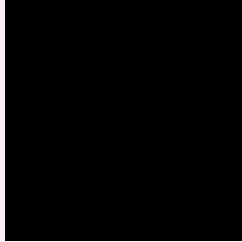
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

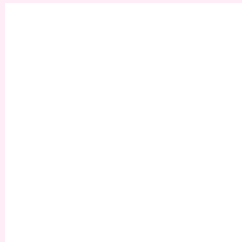
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**CIELCh 95, 8.542, 338.597**

## **Background**



This preview shows how black text looks on a background with the CIELCh color 95, 8.542, 338.597.

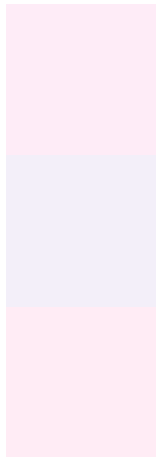


This preview shows how white text looks on a background with the CIELCh color 95, 8.542, 338.597.

# 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, 8.542, 338.597


### Protanopia

95, 5.351, 305.681

### Deuteranopia

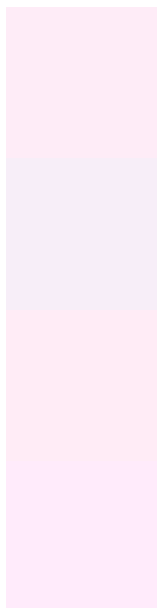
95, 8.198, 345.671





**Tritanopia**  
95, 11.655, 327.699

# Trichromacy



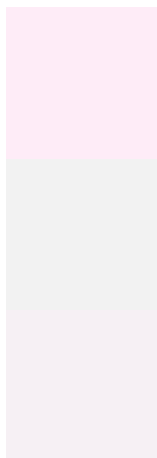
**Original Color**  
95, 8.542, 338.597

**Protanomaly**  
95, 6.068, 321.866

**Deuteranomaly**  
95, 8.495, 342.813

**Tritanomaly**  
95, 10.862, 330.985

# Monochromacy



**Original Color**  
95, 8.542, 338.597

**Achromatopsia**  
95, 0.011, 296.813

**Achromatomaly**  
95, 2.972, 335.699

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 95, 8.542, 338.597 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, 236, 247)` looks like.

```
.text, #text, p{  
    color:rgb(254, 236, 247)  
}
```

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, 236, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 236, 247) }
```

## Border

The CSS property to change the border of an element to CIELCh 95, 8.542, 338.597 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, 236, 247) }
```

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

```
.border{ border-color:rgb(254, 236, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 236, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 236, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 236, 247);  
box-shadow:4px 4px 4px 4px rgb(254, 236,  
247) }
```

# Background

The CSS property to change the background color of an element to CIELCh 95, 8.542, 338.597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 236, 247) }
```

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

```
.background{ background-color: rgb(254,  
236, 247) }
```

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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