

# Converting Colors

CIELCh(93, 10.177, 354.242)

Have a look what the booklet for  
CIELCh(93, 10.177, 354.242)  
contains.

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# **Color**

**CIELCh(93, 9.884, 355.476)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEE5ED
RGB	254, 229, 237
RGB Percent	100%, 90%, 93%
CMY	0.0052, 0.1032, 0.0718
CMYK	0.00, 0.10, 0.07, 0.01
HSL	341°, 90%, 95%
HSV	341°, 10%, 99%
XYZ	83.9238, 82.9670, 91.4659
YIQ	237.3870, 12.3320, 7.7880

# Conversions

## Conversions Part 2

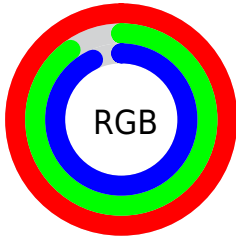
Format	Color
<a href="#">RYB</a>	<a href="#">254, 229, 237</a>
Decimal	<a href="#">16705005</a>
CIELab	<a href="#">93.00, 9.85, -0.78</a>
CIELCh	<a href="#">93, 9.884, 355.476</a>
Yxy	<a href="#">82.9670, 0.3248, 0.3211</a>
Android (android.graphics.Color)	<a href="#">4294895085 (0xFFFE5ED)</a>
YUV	<a href="#">237.3870, -0.1908, 14.5696</a>
Hunter-Lab	<a href="#">91.0862, 5.0631, 4.2232</a>

# Details

The CIELCh color **93, 9.884, 355.476** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **98, 9.621, 173.737**, and the grayscale version is **94, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **73, 9.495, 356.730** is the 20% darker color. If you saturate the color by 10%, you get **87, 20.283, 356.611**, and if you desaturate by 10%, it is **100, 0.141, 178.582**.

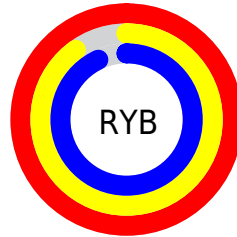
# Distribution



Red (100%)

Green (90%)

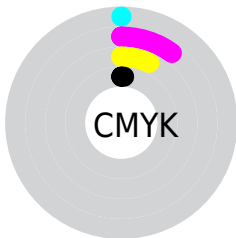
Blue (93%)



Red (100%)

Yellow (90%)

Blue (93%)

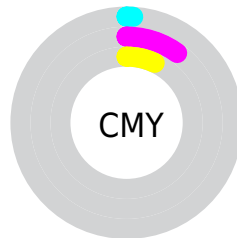


Cyan (0%)

Magenta (10%)

Yellow (7%)

Black (1%)



Cyan (1%)

Magenta (10%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the CIELCh color 93, 9.884, 355.476 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 93, 9.884, 355.476 by changing the saturation by 10% instead.



 93, 9.884, 355.476

 93, 9.884, 355.476

 100, 9.884,  
355.476

 83, 9.884, 355.476

 73, 9.884, 355.476

 63, 9.884, 355.476

 53, 9.884, 355.476

 43, 9.884, 355.476

 33, 9.884, 355.476

 23, 9.884, 355.476

 13, 9.884, 355.476

 3, 9.884, 355.476

93, 9.884, 355.476

93, 9.884, 355.476

87, 20.283,  
356.611

100, 0.141,  
178.582

80, 30.956,  
357.902

100, 0.460,  
200.816

74, 41.702,  
359.435

69, 52.208, 1.299

64, 62.038, 3.619

60, 70.687, 6.553

57, 77.720, 10.283

55, 82.995, 14.950

54, 87.008, 20.430

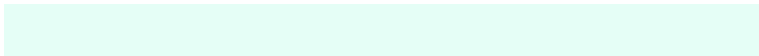
# Harmonies

# Complementary

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



93, 9.884, 355.476



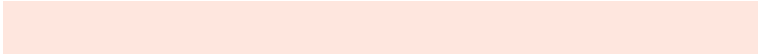
98, 9.621, 173.737

# Rectangle

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



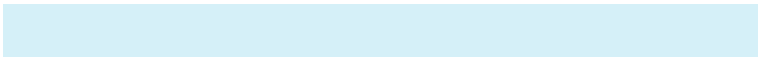
93, 9.884, 355.476



93, 9.884, 45.476



93, 9.884, 175.476



93, 9.884, 225.476

# Sweetspot

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



93, 9.881, 355.484



98, 2.984, 354.683



93, 14.216, 315.068



52, 2.265, 354.798



0, 0.000, 0.000



53, 0.007, 296.813



# Same Dimension

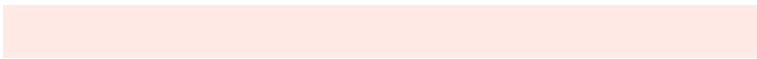
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93, 9.881, 355.484



92, 12.139, 355.717



94, 7.855, 35.573



50, 5.724, 355.447



40, 70.043, 19.443



10, 31.387, 11.318





# Inverse Universe

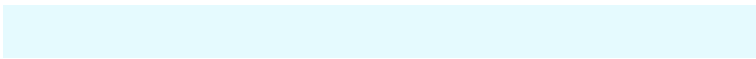
The Inverse Universe completely reimagines the original color for something new.



93, 9.881, 355.484



92, 12.139, 355.717



97, 7.371, 215.902



50, 5.724, 355.447



40, 70.043, 19.443

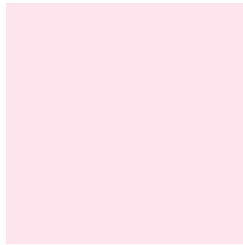


10, 31.387, 11.318



# Previews

## White Background



This preview shows how the CIELCh color 93, 9.884, 355.476 looks on a white background.

## Color Contrast Check

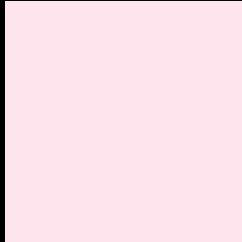
Large Text (above 18pt) WCAG AA × Fail

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 93, 9.884, 355.476 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

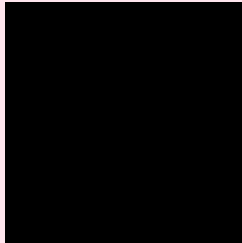
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**CIELCh 93, 9.884, 355.476**

## **Background**



This preview shows how black text looks on a background with the CIELCh color 93, 9.884, 355.476.

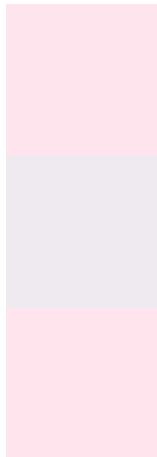


This preview shows how white text looks on a background with the CIELCh color 93, 9.884, 355.476.

# 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

93, 9.884, 355.476

### Protanopia

93, 3.426, 314.715

### Deuteranopia

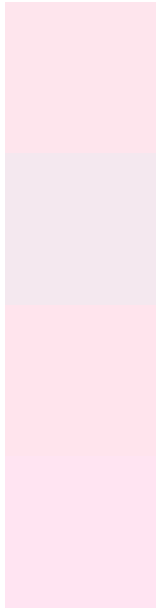
93, 10.757, 354.656



**Tritanopia**  
93, 13.628, 337.467



# Trichromacy



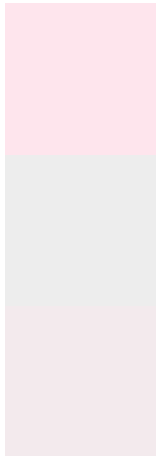
**Original Color**  
93, 9.884, 355.476

**Protanomaly**  
93, 5.615, 339.717

**Deuteranomaly**  
93, 10.757, 354.656

**Tritanomaly**  
93, 12.051, 343.511

# Monochromacy



**Original Color**  
93, 9.884, 355.476

**Achromatopsia**  
94, 0.011, 296.813

**Achromatomaly**  
93, 3.573, 353.881

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 93, 9.884, 355.476 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, 229, 237)` looks like.

```
.text, #text, p{  
    color:rgb(254, 229, 237)  
}
```

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, 229, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 229, 237) }
```

## Border

The CSS property to change the border of an element to CIELCh 93, 9.884, 355.476 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, 229, 237) }
```

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

```
.border{ border-color:rgb(254, 229, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 229, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 229, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 229, 237);  
box-shadow:4px 4px 4px 4px rgb(254, 229,  
237) }
```

# Background

The CSS property to change the background color of an element to CIELCh 93, 9.884, 355.476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 229, 237) }
```

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

```
.background{ background-color: rgb(254,  
229, 237) }
```

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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