

# Converting Colors

CIELCh(92, 5.914, 337.072)

Have a look what the booklet for  
CIELCh(92, 5.914, 337.072) contains.

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# **Color**

**CIELCh(92, 5.974, 335.948)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F1E5ED
RGB	241, 229, 237
RGB Percent	95%, 90%, 93%
CMY	0.0556, 0.1027, 0.0713
CMYK	0.00, 0.05, 0.02, 0.06
HSL	320°, 30%, 92%
HSV	320°, 5%, 94%
XYZ	79.4356, 80.7044, 91.3657
YIQ	233.5000, 4.5840, 5.0320

# Conversions

## Conversions Part 2

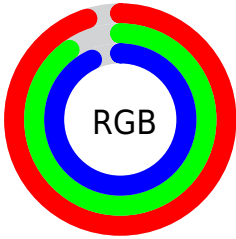
Format	Color
R <sub>Y</sub> B	241, 229, 237
Decimal	15853037
CIE Lab	92.00, 5.46, -2.43
CIE LCh	92, 5.974, 335.948
Yxy	80.7044, 0.3158, 0.3209
Android (android.graphics.Color)	4294043117 (0xFFFF1E5ED)
YUV	233.5000, 1.7255, 6.5775
Hunter-Lab	89.8356, 0.6232, 2.5851

# Details

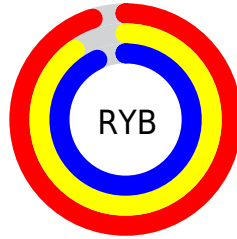
The CIELCh color `92, 5.974, 335.948` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `94, 5.940, 155.384`, and the grayscale version is `92, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `72, 5.635, 337.342` is the 20% darker color. If you saturate the color by 10%, you get `86, 18.102, 336.732`, and if you desaturate by 10%, it is `98, 5.930, 155.401`.

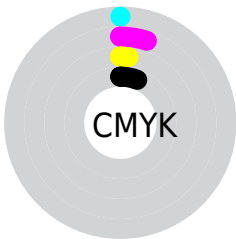
# Distribution



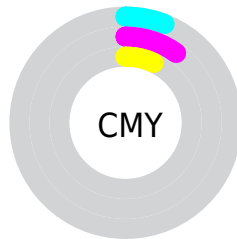
- Red (95%)
- Green (90%)
- Blue (93%)



- Red (95%)
- Yellow (90%)
- Blue (93%)



- Cyan (0%)
- Magenta (5%)
- Yellow (2%)
- Black (6%)



- Cyan (6%)
- Magenta (10%)
- Yellow (7%)

# Brightness & Saturation Gradients


These gradients show how the CIELCh color 92, 5.974, 335.948 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 92, 5.974, 335.948 by changing the saturation by 10% instead.



 92, 5.974, 335.948

 92, 5.974, 335.948

 100, 5.974,  
335.948

 82, 5.974, 335.948

 72, 5.974, 335.948

 62, 5.974, 335.948

 52, 5.974, 335.948

 42, 5.974, 335.948

 32, 5.974, 335.948

 22, 5.974, 335.948

 12, 5.974, 335.948

 2, 5.974, 335.948

92, 5.974, 335.948

92, 5.974, 335.948

86, 18.102,  
336.732

98, 5.930, 155.401

80, 30.316,  
337.530

99, 5.039, 186.783

74, 42.381,  
338.387

99, 4.887, 199.231

69, 53.949,  
339.323

65, 64.548,  
340.365

61, 73.598,  
341.552

57, 80.493,  
342.945

55, 84.761,  
344.626

■ 54, 86.282,  
346.691

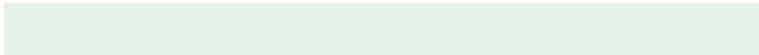
# Harmonies

# Complementary

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



92, 5.974, 335.948



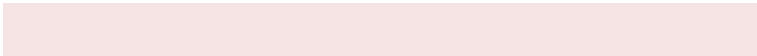
94, 5.940, 155.384

# Rectangle

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



92, 5.974, 335.948



92, 5.974, 25.948



92, 5.974, 155.948



92, 5.974, 205.948

# Sweetspot

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



92, 5.971, 335.953



99, 1.258, 335.408



91, 6.396, 303.311



53, 0.715, 335.387



0, 0.000, 0.000



53, 0.007, 296.813





# Same Dimension

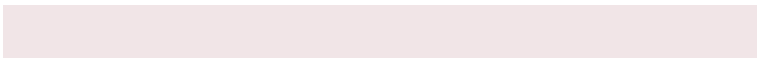
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 5.971, 335.953



96, 7.542, 336.038



92, 4.434, 6.135



48, 4.757, 336.087



41, 70.674, 347.413



9, 31.751, 343.937



# Inverse Universe

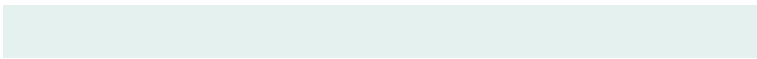
The Inverse Universe completely reimagines the original color for something new.



92, 5.971, 335.953



96, 7.542, 336.038



94, 4.335, 185.534



48, 4.757, 336.087



41, 70.674, 347.413

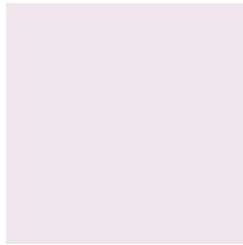


9, 31.751, 343.937



# Previews

## White Background



This preview shows how the CIELCh color 92, 5.974, 335.948 looks on a white background.

## Color Contrast Check

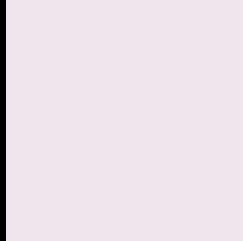
Large Text (above 18pt) WCAG AA × Fail

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 92, 5.974, 335.948 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

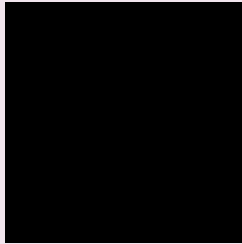
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

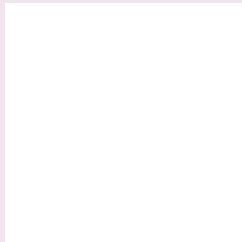
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# CIELCh 92, 5.974, 335.948

## Background



This preview shows how black text looks on a background with the CIELCh color 92, 5.974, 335.948.

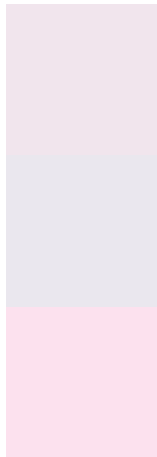


This preview shows how white text looks on a background with the CIELCh color 92, 5.974, 335.948.

# 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

92, 5.974, 335.948

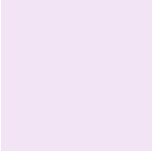
### Protanopia

92, 3.794, 306.646

### Deuteranopia

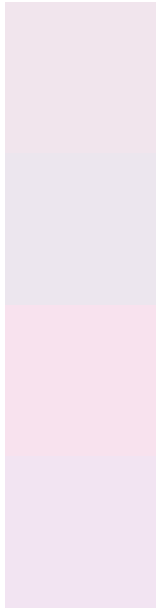
92, 11.786, 345.545





**Tritanopia**  
92, 10.758, 320.110

# Trichromacy



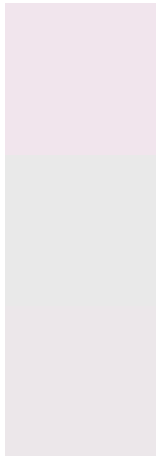
**Original Color**  
92, 5.974, 335.948

**Protanomaly**  
92, 4.681, 317.390

**Deuteranomaly**  
92, 10.035, 341.949

**Tritanomaly**  
92, 8.813, 324.727

# Monochromacy



**Original Color**  
92, 5.974, 335.948

**Achromatopsia**  
92, 0.011, 296.813

**Achromatomaly**  
92, 2.379, 338.614

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 92, 5.974, 335.948 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(241, 229, 237)` looks like.

```
.text, #text, p{  
    color:rgb(241, 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(241, 229, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 229, 237) }
```

## Border

The CSS property to change the border of an element to CIELCh 92, 5.974, 335.948 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(241, 229, 237) }
```

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

```
.border{ border-color:rgb(241, 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(241, 229, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 229, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 229, 237);  
box-shadow:4px 4px 4px 4px rgb(241, 229,  
237) }
```

# Background

The CSS property to change the background color of an element to CIELCh 92, 5.974, 335.948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 229, 237) }
```

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

```
.background{ background-color: rgb(241,  
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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