

# Converting Colors

CIELCh(92, 3.595, 19.692)

Have a look what the booklet for  
CIELCh(92, 3.595, 19.692) contains.

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# Color

**CIELCh(92, 3.589, 19.483)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0E6E6
RGB	240, 230, 230
RGB Percent	94%, 90%, 90%
CMY	0.0595, 0.0987, 0.0987
CMYK	0.00, 0.04, 0.04, 0.06
HSL	0°, 25%, 92%
HSV	0°, 4%, 94%
XYZ	78.3919, 80.7044, 86.1896
YIQ	232.9900, 5.9600, 2.1200

# Conversions

## Conversions Part 2

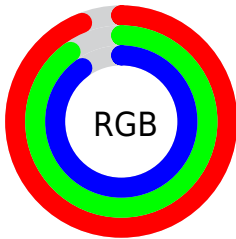
Format	Color
R <sub>Y</sub> B	240, 230, 230
Decimal	15787750
CIE Lab	92.00, 3.38, 1.20
CIE LCh	92, 3.589, 19.483
Yxy	80.7044, 0.3196, 0.3290
Android (android.graphics.Color)	4293977830 (0xFFFF0E6E6)
YUV	232.9900, -1.4741, 6.1478
Hunter-Lab	89.8356, -1.4506, 6.0013

# Details

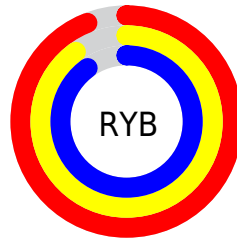
The CIELCh color **92, 3.589, 19.483** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **94, 3.494, 199.389**, and the grayscale version is **92, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **72, 3.403, 19.547** is the 20% darker color. If you saturate the color by 10%, you get **86, 12.685, 20.354**, and if you desaturate by 10%, it is **99, 4.820, 199.271**.

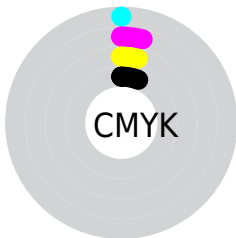
# Distribution



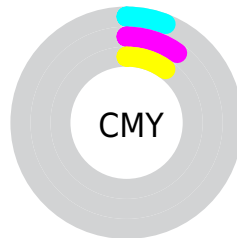
- Red (94%)
- Green (90%)
- Blue (90%)



- Red (94%)
- Yellow (90%)
- Blue (90%)



- Cyan (0%)
- Magenta (4%)
- Yellow (4%)
- Black (6%)



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

# Brightness & Saturation Gradients

These gradients show how the CIELCh color 92, 3.589, 19.483 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, 3.589, 19.483 by changing the saturation by 10% instead.



92, 3.589, 19.483

92, 3.589, 19.483

100, 3.589, 19.483

82, 3.589, 19.483

72, 3.589, 19.483

62, 3.589, 19.483

52, 3.589, 19.483

42, 3.589, 19.483

32, 3.589, 19.483

22, 3.589, 19.483

12, 3.589, 19.483

2, 3.589, 19.483

92, 3.589, 19.483

92, 3.589, 19.483

86, 12.685, 20.354

99, 4.820, 199.271

79, 22.505, 21.297

99, 5.217, 199.202

73, 33.030, 22.511

67, 44.169, 24.097

62, 55.726, 26.168

58, 67.389, 28.828

54, 78.718, 32.090

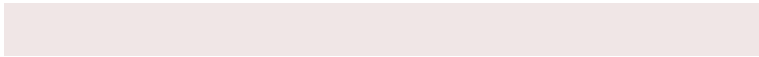
52, 89.025, 35.691

51, 96.820, 38.761

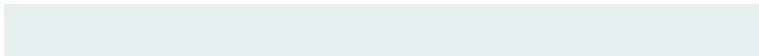
# Harmonies

# Complementary

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



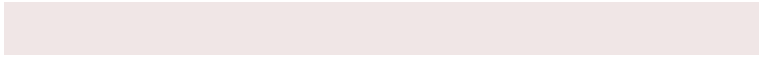
92, 3.589, 19.483



94, 3.494, 199.389

# Rectangle

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



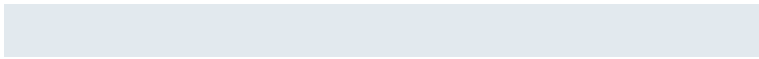
92, 3.589, 19.483



92, 3.589, 69.483



92, 3.589, 199.483



92, 3.589, 249.483

# Sweetspot

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



92, 3.587, 19.517



99, 0.894, 18.762



92, 6.300, 324.625



53, 0.508, 18.720



0, 0.000, 0.000



53, 0.007, 296.813

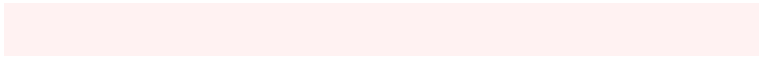


# Same Dimension

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



92, 3.587, 19.517



97, 4.537, 19.600



93, 3.115, 74.778



48, 2.950, 19.661



38, 81.697, 39.999



8, 29.827, 23.828





# Inverse Universe

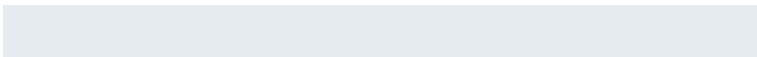
The Inverse Universe completely reimagines the original color for something new.



94, 3.494, 199.389



99, 4.395, 199.312



93, 3.098, 256.075



50, 2.846, 199.258



68, 39.134, 196.449

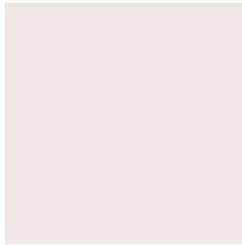


21, 17.085, 196.441



# Previews

## White Background



This preview shows how the CIELCh color 92, 3.589, 19.483 looks on a white background.

## Color Contrast Check

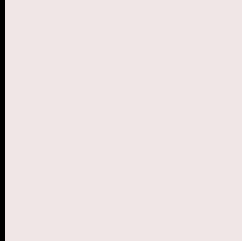
Large Text (above 18pt) WCAG AA × Fail

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 92, 3.589, 19.483 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

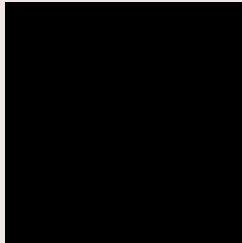
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

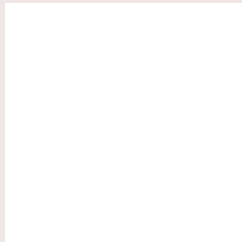
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**CIELCh 92, 3.589, 19.483**

## **Background**



This preview shows how black text looks on a background with the CIELCh color 92, 3.589, 19.483.

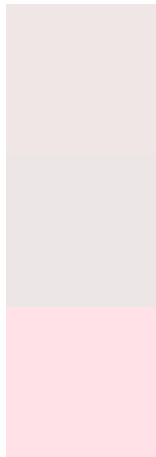


This preview shows how white text looks on a background with the CIELCh color 92, 3.589, 19.483.

# 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

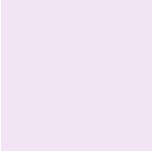
92, 3.589, 19.483

### Protanopia

92, 1.854, 35.336

### Deuteranopia

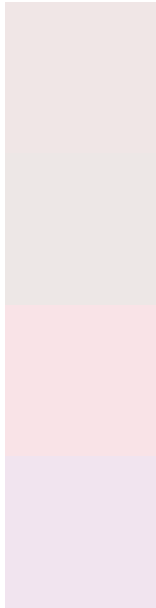
92, 11.302, 4.332



**Tritanopia**  
92, 10.758, 320.110



# Trichromacy



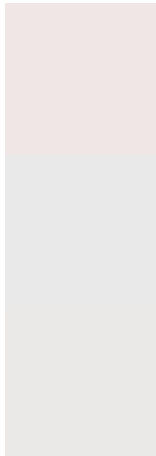
**Original Color**  
92, 3.589, 19.483

**Protanomaly**  
92, 2.202, 32.805

**Deuteranomaly**  
92, 8.210, 5.396

**Tritanomaly**  
92, 7.362, 329.245

# Monochromacy



**Original Color**  
92, 3.589, 19.483

**Achromatopsia**  
92, 0.011, 296.813

**Achromatomaly**  
92, 1.070, 18.902

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 92, 3.589, 19.483 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(240, 230, 230)` looks like.

```
.text, #text, p{  
    color:rgb(240, 230, 230)  
}
```

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(240, 230, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 230, 230) }
```

## Border

The CSS property to change the border of an element to CIELCh 92, 3.589, 19.483 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(240, 230, 230) }
```

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

```
.border{ border-color:rgb(240, 230, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 230, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 230, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 230, 230);  
box-shadow:4px 4px 4px 4px rgb(240, 230,  
230) }
```

# Background

The CSS property to change the background color of an element to CIELCh 92, 3.589, 19.483 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 230, 230) }
```

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

```
.background{ background-color: rgb(240,  
230, 230) }
```

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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