

# Converting Colors

CIELCh(92, 5.369, 337.208)

Have a look what the booklet for  
CIELCh(92, 5.369, 337.208) contains.

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# **Color**

**CIELCh(92, 5.361, 337.233)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0E5EC
RGB	240, 229, 236
RGB Percent	94%, 90%, 93%
CMY	0.0584, 0.1015, 0.0741
CMYK	0.00, 0.05, 0.02, 0.06
HSL	322°, 27%, 92%
HSV	322°, 5%, 94%
XYZ	79.1768, 80.7044, 90.8434
YIQ	233.0870, 4.3090, 4.5090

# Conversions

## Conversions Part 2

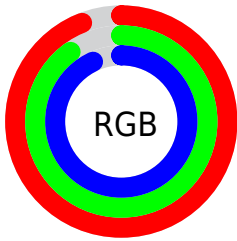
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	240, 229, 236
Decimal	15787500
CIE <sub>Lab</sub>	92.00, 4.94, -2.07
CIE <sub>LCh</sub>	92, 5.361, 337.233
Y <sub>xy</sub>	80.7044, 0.3158, 0.3219
Android (android.graphics.Color)	4293977580 (0xFFFF0E5EC)
YUV	233.0870, 1.4361, 6.0627
Hunter-Lab	89.8356, 0.1090, 2.9299

# Details

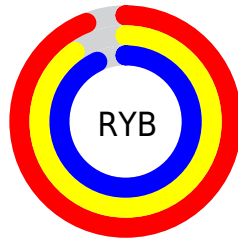
The CIELCh color `92, 5.361, 337.233` is a light color, and the websafe version is hex `FFFFFF`. A complement of this color would be `94, 5.328, 156.729`, and the grayscale version is `92, 0.011, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `72, 4.994, 338.963` is the 20% darker color. If you saturate the color by 10%, you get `86, 17.202, 338.050`, and if you desaturate by 10%, it is `98, 6.245, 156.677`.

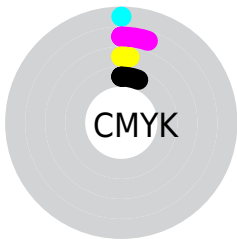
# Distribution



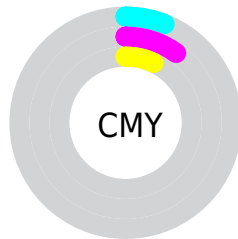
- Red (94%)
- Green (90%)
- Blue (93%)



- Red (94%)
- 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, 5.361, 337.233 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, 5.361, 337.233 by changing the saturation by 10% instead.



 92, 5.361, 337.233

 92, 5.361, 337.233

 100, 5.361,  
337.233

 82, 5.361, 337.233

 72, 5.361, 337.233

 62, 5.361, 337.233

 52, 5.361, 337.233

 42, 5.361, 337.233

 32, 5.361, 337.233

 22, 5.361, 337.233

 12, 5.361, 337.233

 2, 5.361, 337.233

92, 5.361, 337.233

92, 5.361, 337.233

86, 17.202,  
338.050

98, 6.245, 156.677

80, 29.148,  
338.880

99, 5.200, 191.192

99, 5.125, 199.210

74, 40.974,  
339.778

69, 52.348,  
340.770

64, 62.808,  
341.888

60, 71.784,  
343.178

57, 78.674,  
344.713

55, 83.000,  
346.586

■ 53, 84.627,  
348.910

# Harmonies

# Complementary

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



92, 5.361, 337.233



94, 5.328, 156.729

# Rectangle

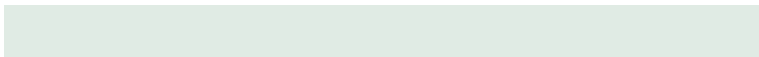
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92, 5.361, 337.233



92, 5.361, 27.233



92, 5.361, 157.233



92, 5.361, 207.233

# Sweetspot

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



92, 5.358, 337.239



99, 1.230, 336.707



92, 5.880, 303.898



53, 0.700, 336.686



0, 0.000, 0.000



53, 0.007, 296.813





# Same Dimension

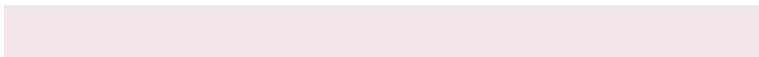
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92, 5.358, 337.239



97, 6.144, 337.277



92, 4.043, 7.388



48, 3.987, 337.335



40, 69.497, 349.838



9, 31.228, 345.863



# Inverse Universe

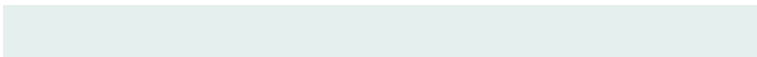
The Inverse Universe completely reimagines the original color for something new.



92, 5.358, 337.239



97, 6.144, 337.277



94, 3.955, 186.902



48, 3.987, 337.335



40, 69.497, 349.838

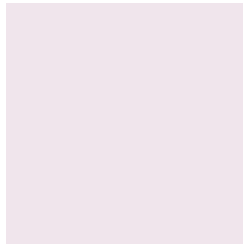


9, 31.228, 345.863



# Previews

## White Background



This preview shows how the CIELCh color 92, 5.361, 337.233 looks on a white background.

## Color Contrast Check

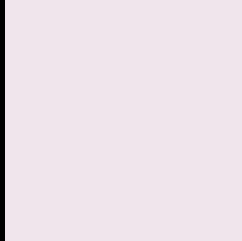
Large Text (above 18pt) WCAG AA × Fail

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, 5.361, 337.233 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

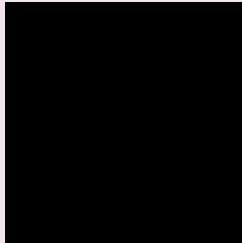
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

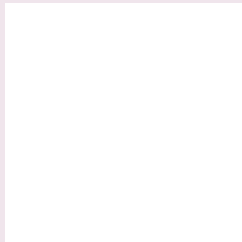
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# CIELCh 92, 5.361, 337.233

## Background



This preview shows how black text looks on a background with the CIELCh color 92, 5.361, 337.233.

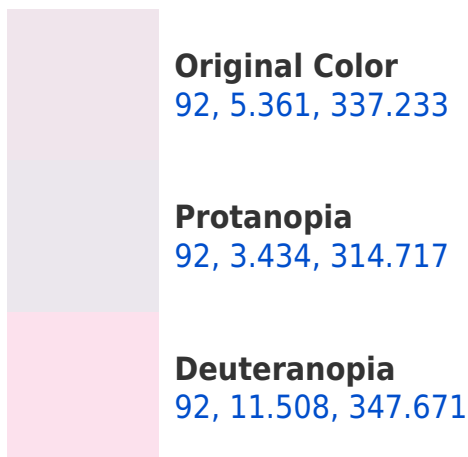


This preview shows how white text looks on a background with the CIELCh color 92, 5.361, 337.233.

# 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

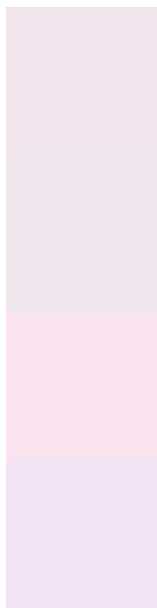






**Tritanopia**  
92, 10.581, 318.439

# Trichromacy



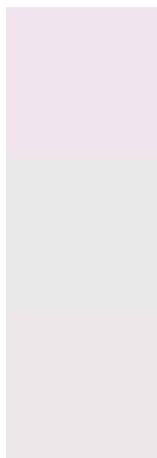
**Original Color**  
92, 5.361, 337.233

**Protanomaly**  
92, 4.419, 324.538

**Deuteranomaly**  
92, 9.729, 344.348

**Tritanomaly**  
92, 8.619, 322.770

# Monochromacy



**Original Color**  
92, 5.361, 337.233

**Achromatopsia**  
92, 0.011, 296.813

**Achromatomaly**  
92, 1.774, 343.530

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 92, 5.361, 337.233 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, 229, 236)` looks like.

```
.text, #text, p{  
    color:rgb(240, 229, 236)  
}
```

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, 229, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 229, 236) }
```

## Border

The CSS property to change the border of an element to CIELCh 92, 5.361, 337.233 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, 229, 236) }
```

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

```
.border{ border-color:rgb(240, 229, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 229, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 229, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 229, 236);  
box-shadow:4px 4px 4px 4px rgb(240, 229,  
236) }
```

# Background

The CSS property to change the background color of an element to CIELCh 92, 5.361, 337.233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 229, 236) }
```

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

```
.background{ background-color: rgb(240,  
229, 236) }
```

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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