

# Converting Colors

CIELCh(60, 67.335, 337.434)

Have a look what the booklet for  
CIELCh(60, 67.335, 337.434)  
contains.

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**Color**

**CIELCh(60, 67.527, 337.654)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E35EBF
RGB	227, 94, 191
RGB Percent	89%, 37%, 75%
CMY	0.1095, 0.6311, 0.2507
CMYK	0.00, 0.59, 0.16, 0.11
HSL	316°, 70%, 63%
HSV	316°, 59%, 89%
XYZ	45.1194, 28.1233, 52.3775
YIQ	144.8250, 48.1310, 58.3630

# Conversions

## Conversions Part 2

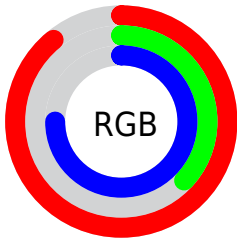
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	227, 94, 191
Decimal	14900927
CIE Lab	60.00, 62.46, -25.67
CIE LCh	60, 67.527, 337.654
Yxy	28.1233, 0.3592, 0.2239
Android (android.graphics.Color)	4293091007 (0xFFE35EBF)
YUV	144.8250, 22.7643, 72.0675
Hunter-Lab	53.0314, 59.0637, -21.4369

# Details

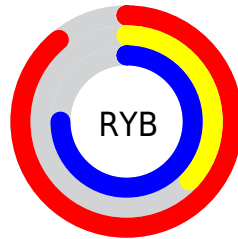
The CIELCh color **60, 67.527, 337.654** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted rose. A complement of this color would be **81, 67.821, 147.258**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 62.210, 328.627**, and **40, 67.459, 337.622** is the 20% darker color. If you saturate the color by 10%, you get **56, 75.795, 338.665**, and if you desaturate by 10%, it is **64, 57.517, 336.744**.

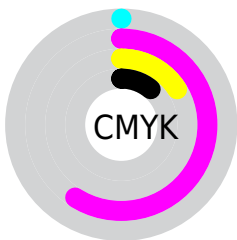
# Distribution



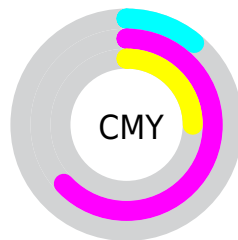
- Red (89%)
- Green (37%)
- Blue (75%)



- Red (89%)
- Yellow (37%)
- Blue (75%)



- Cyan (0%)
- Magenta (59%)
- Yellow (16%)
- Black (11%)




- Cyan (11%)
- Magenta (63%)
- Yellow (25%)


# Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 67.527, 337.654 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 60, 67.527, 337.654 by changing the saturation by 10% instead.




 60, 67.527,  
337.654


 60, 67.527,  
337.654


 100, 67.527,  
337.654


 50, 67.527,  
337.654


 80, 67.527,  
337.654

 40, 67.527,  
337.654

 90, 67.527,  
337.654


 30, 67.527,  
337.654

 20, 67.527,  
337.654

 10, 67.527,  
337.654


 0, 67.527, 337.654

 60, 67.527,


 60, 67.527,


337.654


337.654

 56, 75.795,  
338.665


 64, 57.517,  
336.744


 54, 81.778,  
339.819


 69, 46.349,  
335.905


 52, 85.117,  
341.177

 74, 34.517,  
335.120

 51, 85.952,  
342.791


 80, 22.403,  
334.378

 51, 85.992,  
343.033

 85, 10.277,  
333.663

 91, 1.687, 153.254

 97, 13.383,  
152.443

 98, 12.396,  
161.279

■ 98, 10.660,  
174.414

# Harmonies

# Complementary

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



60, 67.527, 337.654



81, 67.821, 147.258

# Rectangle

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



60, 67.527, 337.654



60, 67.527, 27.654



60, 67.527, 157.654



60, 67.527, 207.654

# Sweetspot

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



60, 67.524, 337.654



89, 23.852, 334.345



50, 77.418, 305.545



46, 16.592, 334.558



0, 0.000, 0.000



53, 0.007, 296.813





# Same Dimension

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



60, 67.524, 337.654



62, 84.175, 338.869



58, 55.192, 9.826



45, 6.874, 333.726



40, 72.036, 342.733



8, 31.086, 339.941



# Inverse Universe

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



60, 67.524, 337.654



62, 84.175, 338.869



83, 43.979, 174.409



45, 6.874, 333.726



40, 72.036, 342.733



8, 31.086, 339.941



# Previews

## White Background



This preview shows how the CIELCh color 60, 67.527, 337.654 looks on a white background.

## Color Contrast Check

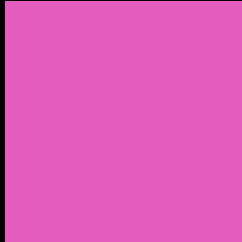
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 67.527, 337.654 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

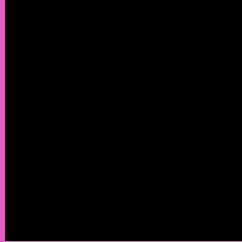
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# CIELCh 60, 67.527, 337.654

## Background



This preview shows how black text looks on a background with the CIELCh color 60, 67.527, 337.654.

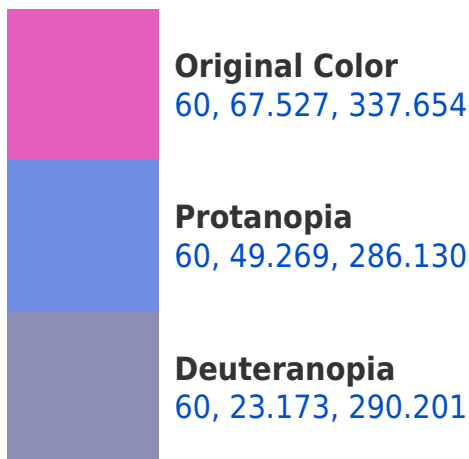


This preview shows how white text looks on a background with the CIELCh color 60, 67.527, 337.654.

# 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**  
60, 45.488, 19.569

# Trichromacy



**Original Color**  
60, 67.527, 337.654



**Protanomaly**  
58, 51.987, 305.553



**Deuteranomaly**  
59, 38.187, 318.825



**Tritanomaly**  
60, 50.193, 359.857

# Monochromacy



**Original Color**  
60, 67.527, 337.654



**Achromatopsia**  
60, 0.008, 296.813



**Achromatomaly**  
59, 27.476, 334.820

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 60, 67.527, 337.654 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(227, 94, 191)` looks like.

```
.text, #text, p{  
  color:rgb(227, 94, 191)  
}
```

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(227, 94, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 94, 191) }
```

## Border

The CSS property to change the border of an element to CIELCh 60, 67.527, 337.654 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(227, 94, 191) }
```

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

```
.border{ border-color:rgb(227, 94, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 94, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 94, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 94, 191);  
box-shadow:4px 4px 4px 4px rgb(227, 94,  
191) }
```

# Background

The CSS property to change the background color of an element to CIELCh 60, 67.527, 337.654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 94, 191) }
```

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

```
.background{ background-color: rgb(227, 94,  
191) }
```

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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