

# Converting Colors

CIELCh(57, 94.422, 327.592)

Have a look what the booklet for  
CIELCh(57, 94.422, 327.592)  
contains.

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**Color**

**CIELCh(57, 94.533, 327.467)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E13DE3
RGB	225, 61, 227
RGB Percent	88%, 24%, 89%
CMY	0.1173, 0.7603, 0.1095
CMYK	0.01, 0.73, 0.00, 0.11
HSL	299°, 75%, 57%
HSV	299°, 73%, 89%
XYZ	46.6324, 24.9227, 75.0903
YIQ	128.9600, 44.4580, 86.3940

# Conversions

## Conversions Part 2

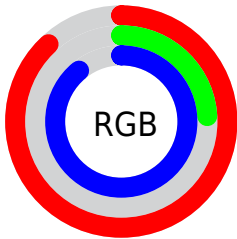
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	225, 61, 227
Decimal	14761443
CIE Lab	57.00, 79.70, -50.84
CIE LCh	57, 94.533, 327.467
Yxy	24.9227, 0.3180, 0.1700
Android (android.graphics.Color)	4292951523 (0xFFE13DE3)
YUV	128.9600, 48.3337, 84.2271
Hunter-Lab	49.9226, 79.3712, -54.2342

# Details

The CIELCh color **57, 94.533, 327.467** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light washed magenta. A complement of this color would be **80, 96.355, 137.595**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 79.526, 327.122**, and **39, 85.805, 326.860** is the 20% darker color. If you saturate the color by 10%, you get **55, 100.938, 327.652**, and if you desaturate by 10%, it is **60, 85.536, 327.185**.

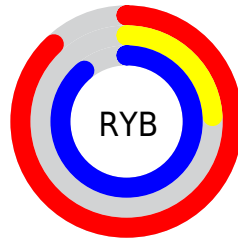
# Distribution



Red (88%)

Green (24%)

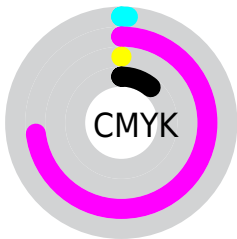
Blue (89%)



Red (88%)

Yellow (24%)

Blue (89%)

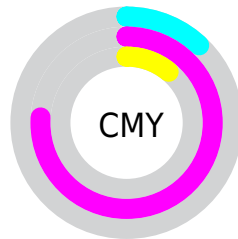


Cyan (1%)

Magenta (73%)

Yellow (0%)

Black (11%)



Cyan (12%)

Magenta (76%)

Yellow (11%)

# Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 94.533, 327.467 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 57, 94.533, 327.467 by changing the saturation by 10% instead.




 57, 94.533,  
327.467

 57, 94.533,  
327.467

 100, 94.533,  
327.467


 47, 94.533,  
327.467

 77, 94.533,  
327.467

 37, 94.533,  
327.467

 87, 94.533,  
327.467

 27, 94.533,  
327.467

 97, 94.533,  
327.467

 17, 94.533,  
327.467

 7, 94.533, 327.467

 0, 94.533, 327.467

57, 94.533,  
327.467

57, 94.533,  
327.467

55, 100.938,  
327.652

60, 85.536,  
327.185

54, 104.618,  
327.737

63, 74.385,  
326.816

53, 105.925,  
327.751

68, 61.638,  
326.376

72, 47.850,  
325.886

77, 33.496,  
325.362

83, 18.940,  
324.817

89, 4.444, 324.227

94, 9.822, 143.785

■ 97, 17.332,  
143.375

# Harmonies

# Complementary

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



57, 94.533, 327.467



80, 96.355, 137.595

# Rectangle

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



57, 94.533, 327.467



57, 94.533, 17.467



57, 94.533, 147.467



57, 94.533, 197.467

# Sweetspot

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



57, 94.530, 327.467



87, 35.065, 325.311



38, 97.048, 302.094



44, 23.559, 325.457



0, 0.000, 0.000



53, 0.007, 296.813





# Same Dimension

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



57, 94.530, 327.467



61, 112.742, 327.710



54, 70.108, 352.318



45, 8.275, 324.614



42, 88.472, 327.759



8, 37.123, 327.832



# Inverse Universe

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



52, 73.670, 30.856



54, 96.432, 36.530



81, 67.969, 153.720



45, 4.815, 18.962



37, 79.446, 39.480



6, 27.064, 21.264



# Previews

## White Background



This preview shows how the CIELCh color 57, 94.533, 327.467 looks on a white background.

## Color Contrast Check

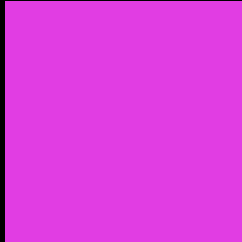
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 94.533, 327.467 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

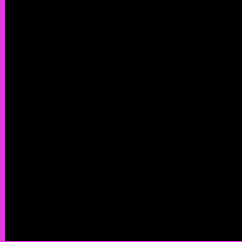
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# CIELCh 57, 94.533, 327.467

## Background



This preview shows how black text looks on a background with the CIELCh color 57, 94.533, 327.467.

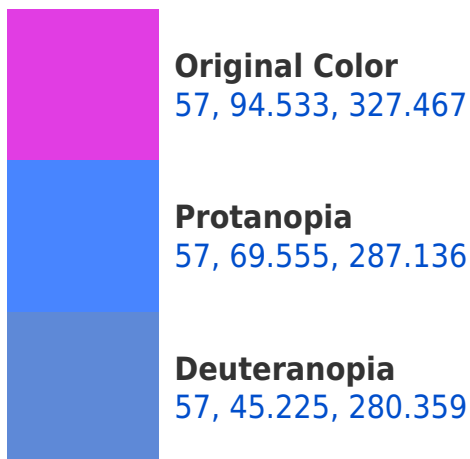


This preview shows how white text looks on a background with the CIELCh color 57, 94.533, 327.467.

# 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**  
57, 46.549, 20.794

# Trichromacy



**Original Color**  
57, 94.533, 327.467



**Protanomaly**  
54, 79.108, 302.403



**Deuteranomaly**  
54, 63.945, 305.631



**Tritanomaly**  
56, 57.835, 350.344

# Monochromacy



**Original Color**  
57, 94.533, 327.467



**Achromatopsia**  
54, 0.007, 296.813



**Achromatomaly**  
52, 41.087, 325.915

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 57, 94.533, 327.467 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(225, 61, 227)` looks like.

```
.text, #text, p{  
    color:rgb(225, 61, 227)  
}
```

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(225, 61, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 61, 227) }
```

## Border

The CSS property to change the border of an element to CIELCh 57, 94.533, 327.467 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(225, 61, 227) }
```

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

```
.border{ border-color:rgb(225, 61, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 61, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 61, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 61, 227);  
box-shadow:4px 4px 4px 4px rgb(225, 61,  
227) }
```

# Background

The CSS property to change the background color of an element to CIELCh 57, 94.533, 327.467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 61, 227) }
```

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

```
.background{ background-color: rgb(225, 61,  
227) }
```

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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