

# Converting Colors

CIELCh(60, 97.490, 328.276)

Have a look what the booklet for  
CIELCh(60, 97.490, 328.276)  
contains.

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**Color**

**CIELCh(60, 97.495, 328.238)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EF41ED
RGB	239, 65, 237
RGB Percent	94%, 25%, 93%
CMY	0.0641, 0.7466, 0.0718
CMYK	0.00, 0.73, 0.01, 0.06
HSL	301°, 84%, 59%
HSV	301°, 73%, 94%
XYZ	52.5904, 28.1233, 82.5322
YIQ	136.6340, 48.4920, 90.3800

# Conversions

## Conversions Part 2

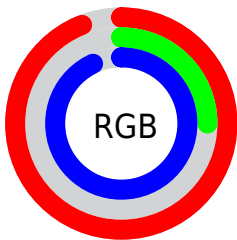
Format	Color
R <sub>YB</sub>	239, 65, 237
Decimal	15679981
CIE <sub>Lab</sub>	60.00, 82.89, -51.32
CIE <sub>LCh</sub>	60, 97.495, 328.238
Yxy	28.1233, 0.3222, 0.1723
Android (android.graphics.Color)	4293870061 (0xFFEF41ED)
YUV	136.6340, 49.4804, 89.7750
Hunter-Lab	53.0314, 84.2103, -55.1504

# Details

The CIELCh color **60, 97.495, 328.238** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **83, 99.728, 137.963**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 76.857, 327.036**, and **43, 88.998, 328.013** is the 20% darker color. If you saturate the color by 10%, you get **58, 104.006, 328.475**, and if you desaturate by 10%, it is **63, 88.274, 327.916**.

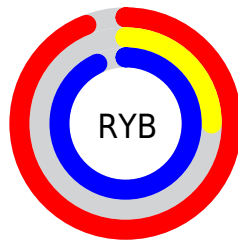
# Distribution



Red (94%)

Green (25%)

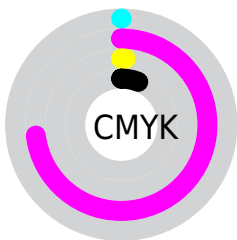
Blue (93%)



Red (94%)

Yellow (25%)

Blue (93%)

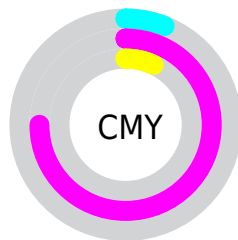


Cyan (0%)

Magenta (73%)

Yellow (1%)

Black (6%)



Cyan (6%)

Magenta (75%)


Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 97.495, 328.238 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, 97.495, 328.238 by changing the saturation by 10% instead.




 60, 97.495,  
328.238


 60, 97.495,  
328.238

 100, 97.495,  
328.238

 50, 97.495,  
328.238

 80, 97.495,  
328.238

 40, 97.495,  
328.238

 90, 97.495,  
328.238


 30, 97.495,  
328.238

 20, 97.495,  
328.238

 10, 97.495,  
328.238


 0, 97.495, 328.238


 60, 97.495,


 60, 97.495,


328.238


328.238


 58, 104.006,  
328.475


 63, 88.274,  
327.916


 57, 107.681,  
328.628

 67, 76.791,  
327.517

 56, 108.927,  
328.698


 71, 63.625,  
327.054

 76, 49.358,  
326.545

 81, 34.488,  
326.005

 87, 19.401,  
325.446

 93, 4.371, 324.839

 98, 10.083,  
144.414



# Harmonies

# Complementary

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



60, 97.495, 328.238



83, 99.728, 137.963

# Rectangle

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



60, 97.495, 328.238



60, 97.495, 18.238



60, 97.495, 148.238



60, 97.495, 198.238

# Sweetspot

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



60, 97.492, 328.238



87, 34.918, 325.958



40, 102.455, 302.576



44, 23.458, 326.108



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, 97.492, 328.238



61, 111.793, 328.567



56, 72.324, 353.525



47, 8.542, 325.249



44, 89.495, 328.690



10, 39.117, 328.626



# Inverse Universe

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



60, 97.492, 328.238



61, 111.793, 328.567



84, 69.503, 154.550



47, 8.542, 325.249



44, 89.495, 328.690



10, 39.117, 328.626



# Previews

## White Background



This preview shows how the CIELCh color 60, 97.495, 328.238 looks on a white background.

## Color Contrast Check

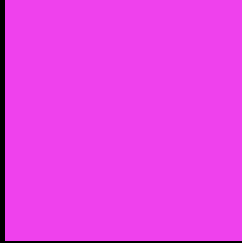
Large Text (above 18pt) WCAG AA ✓ Pass

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, 97.495, 328.238 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

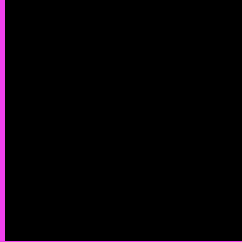
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# CIELCh 60, 97.495, 328.238

## Background



This preview shows how black text looks on a background with the CIELCh color 60, 97.495, 328.238.



This preview shows how white text looks on a background with the CIELCh color 60, 97.495, 328.238.

# 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, 49.544, 21.295

# Trichromacy



**Original Color**  
60, 97.495, 328.238



**Protanomaly**  
57, 76.987, 304.145



**Deuteranomaly**  
57, 65.126, 306.106



**Tritanomaly**  
59, 60.545, 351.691

# Monochromacy



**Original Color**  
60, 97.495, 328.238



**Achromatopsia**  
57, 0.007, 296.813



**Achromatomaly**  
55, 42.249, 326.369

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 60, 97.495, 328.238 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(239, 65, 237)` looks like.

```
.text, #text, p{  
    color:rgb(239, 65, 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(239, 65, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 65, 237) }
```

## Border

The CSS property to change the border of an element to CIELCh 60, 97.495, 328.238 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(239, 65, 237) }
```

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

```
.border{ border-color:rgb(239, 65, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 65, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 65, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 65, 237);  
box-shadow:4px 4px 4px 4px rgb(239, 65,  
237) }
```

# Background

The CSS property to change the background color of an element to CIELCh 60, 97.495, 328.238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 65, 237) }
```

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

```
.background{ background-color: rgb(239, 65,  
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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