

# Converting Colors

CIELCh(60, 94.559, 325.272)

Have a look what the booklet for  
CIELCh(60, 94.559, 325.272)  
contains.

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**Color**

**CIELCh(60, 94.607, 325.205)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E44CF1
RGB	228, 76, 241
RGB Percent	89%, 30%, 95%
CMY	0.1047, 0.7007, 0.0538
CMYK	0.05, 0.68, 0.00, 0.05
HSL	295°, 86%, 62%
HSV	295°, 68%, 95%
XYZ	50.6157, 28.1233, 86.2054
YIQ	140.2580, 37.6270, 83.5390

# Conversions

## Conversions Part 2

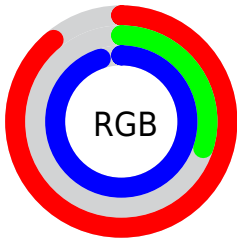
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	228, 76, 241
Decimal	14961905
CIE Lab	60.00, 77.69, -53.99
CIE LCh	60, 94.607, 325.205
Yxy	28.1233, 0.3069, 0.1705
Android (android.graphics.Color)	4293151985 (0xFFE44CF1)
YUV	140.2580, 49.6658, 76.9497
Hunter-Lab	53.0314, 77.5639, -59.2570

# Details

The CIELCh color **60, 94.607, 325.205** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light washed magenta. A complement of this color would be **85, 95.205, 137.035**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 73.020, 326.912**, and **41, 90.900, 325.059** is the 20% darker color. If you saturate the color by 10%, you get **57, 102.935, 325.329**, and if you desaturate by 10%, it is **64, 83.794, 324.956**.

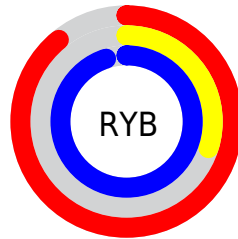
# Distribution



Red (89%)

Green (30%)

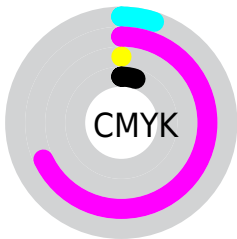
Blue (95%)



Red (89%)

Yellow (30%)

Blue (95%)

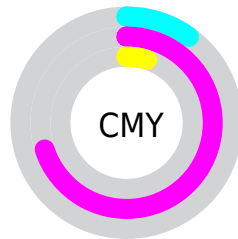


Cyan (5%)

Magenta (68%)

Yellow (0%)

Black (5%)



Cyan (10%)

Magenta (70%)


Yellow (5%)


# Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 94.607, 325.205 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, 94.607, 325.205 by changing the saturation by 10% instead.





 60, 94.607,  
325.205


 60, 94.607,  
325.205


 100, 94.607,  
325.205


 50, 94.607,  
325.205


 80, 94.607,  
325.205

 40, 94.607,  
325.205

 90, 94.607,  
325.205

 30, 94.607,  
325.205

 20, 94.607,  
325.205


 10, 94.607,  
325.205


 0, 94.607, 325.205


 60, 94.607,


 60, 94.607,

325.205

 57, 102.935,  
325.329


 55, 108.390,  
325.308


 54, 111.059,  
325.146


 54, 111.376,  
325.113


325.205


 64, 83.794,  
324.956

 68, 71.097,  
324.607

 73, 57.134,  
324.186

 78, 42.443,  
323.716

 84, 27.443,  
323.219

 90, 12.432,  
322.705

 96, 2.389, 142.344

 99, 8.098, 139.738



# Harmonies

# Complementary

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



60, 94.607, 325.205



85, 95.205, 137.035

# Rectangle

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



60, 94.607, 325.205



60, 94.607, 15.205



60, 94.607, 145.205



60, 94.607, 195.205

# Sweetspot

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



60, 94.605, 325.205



87, 32.841, 323.355



46, 88.414, 298.821



45, 22.240, 323.493



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, 94.605, 325.205



59, 109.905, 325.339



59, 72.784, 346.936



47, 8.403, 322.763



41, 90.731, 325.165



9, 39.573, 325.585



# Inverse Universe

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



57, 69.890, 24.715



56, 87.139, 30.204



85, 71.945, 151.417



47, 5.011, 13.578



38, 78.417, 36.847



8, 29.441, 20.626



# Previews

## White Background



This preview shows how the CIELCh color 60, 94.607, 325.205 looks on a white background.

## Color Contrast Check

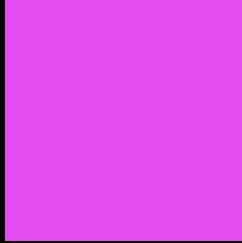
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the CIE LCh color 60, 94.607, 325.205 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

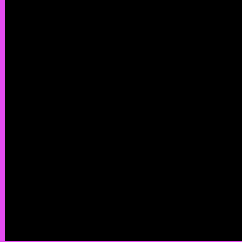
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# CIELCh 60, 94.607, 325.205

## Background



This preview shows how black text looks on a background with the CIELCh color 60, 94.607, 325.205.



This preview shows how white text looks on a background with the CIELCh color 60, 94.607, 325.205.

# 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, 41.596, 18.453

# Trichromacy



**Original Color**  
60, 94.607, 325.205



**Protanomaly**  
57, 75.602, 302.691



**Deuteranomaly**  
57, 65.186, 303.171



**Tritanomaly**  
59, 54.884, 346.539

# Monochromacy



**Original Color**  
60, 94.607, 325.205



**Achromatopsia**  
59, 0.008, 296.813



**Achromatomaly**  
57, 39.486, 324.306

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 60, 94.607, 325.205 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(228, 76, 241)` looks like.

```
.text, #text, p{  
    color:rgb(228, 76, 241)  
}
```

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(228, 76, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 76, 241) }
```

## Border

The CSS property to change the border of an element to CIELCh 60, 94.607, 325.205 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(228, 76, 241) }
```

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

```
.border{ border-color:rgb(228, 76, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 76, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 76, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 76, 241);  
box-shadow:4px 4px 4px 4px rgb(228, 76,  
241) }
```

# Background

The CSS property to change the background color of an element to CIELCh 60, 94.607, 325.205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 76, 241) }
```

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

```
.background{ background-color: rgb(228, 76,  
241) }
```

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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