

Converting Colors

CIELCh(60, 68.512, 337.550)

Have a look what the booklet for
CIELCh(60, 68.512, 337.550)
contains.

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Color

CIELCh(60, 68.514, 337.527)

Conversions

Conversions Part 1

Format	Color
Hex	E45DC0
RGB	228, 93, 192
RGB Percent	89%, 36%, 75%
CMY	0.1059, 0.6353, 0.2471
CMYK	0.00, 0.59, 0.16, 0.11
HSL	316°, 71%, 63%
HSV	316°, 59%, 89%
XYZ	45.4168, 28.1233, 52.8963
YIQ	144.6510, 48.6810, 59.4090

Conversions

Conversions Part 2

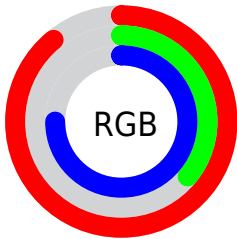
Format	Color
R _{YB}	228, 93, 192
Decimal	14966208
CIE _{Lab}	60.00, 63.31, -26.19
CIE _{LCh}	60, 68.514, 337.527
Y _{xy}	28.1233, 0.3592, 0.2224
Android (android.graphics.Color)	4293156288 (0xFFE45DC0)
YUV	144.6510, 23.3431, 73.0971
Hunter-Lab	53.0314, 60.0645, -22.0169

Details

The CIELCh color **60, 68.514, 337.527** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **82, 68.906, 147.019**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 62.609, 328.332**, and **40, 68.450, 337.501** is the 20% darker color. If you saturate the color by 10%, you get **57, 76.694, 338.532**, and if you desaturate by 10%, it is **64, 58.543, 336.622**.

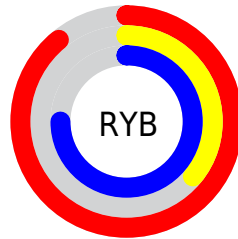
Distribution



Red (89%)

Green (36%)

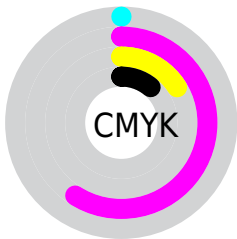
Blue (75%)



Red (89%)

Yellow (36%)

Blue (75%)

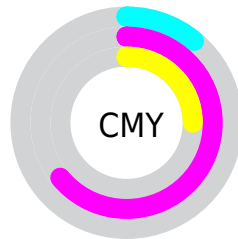


Cyan (0%)

Magenta (59%)

Yellow (16%)

Black (11%)



Cyan (11%)


Magenta (64%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 68.514, 337.527 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, 68.514, 337.527 by changing the saturation by 10% instead.

 60, 68.514,
337.527


 60, 68.514,
337.527


 100, 68.514,
337.527


 50, 68.514,
337.527


 80, 68.514,
337.527

 40, 68.514,
337.527

 90, 68.514,
337.527


 30, 68.514,
337.527

 20, 68.514,
337.527

 10, 68.514,
337.527

 0, 68.514, 337.527

 60, 68.514,

 60, 68.514,

337.527

57, 76.694,
338.532

54, 82.547,
339.678

52, 85.730,
341.026

51, 86.466,
342.620

51, 86.488,
342.750

337.527

64, 58.543,
336.622

69, 47.371,
335.786

74, 35.500,
335.004

80, 23.324,
334.264

85, 11.118,
333.551

91, 0.934, 153.312

97, 12.723,
152.329

98, 12.020,
161.124

■ 98, 10.304,
174.540

Harmonies

Complementary

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



60, 68.514, 337.527



82, 68.906, 147.019

Rectangle

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



60, 68.514, 337.527



60, 68.514, 27.527



60, 68.514, 157.527



60, 68.514, 207.527

Sweetspot

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



60, 68.511, 337.527



89, 23.920, 334.184



50, 78.562, 305.613



46, 16.639, 334.396



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, 68.511, 337.527



62, 85.126, 338.773



58, 55.958, 10.005



45, 6.894, 333.569



40, 72.233, 342.453



8, 31.164, 339.722

Inverse Universe

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



60, 68.511, 337.527



62, 85.126, 338.773



83, 44.482, 174.318



45, 6.894, 333.569



40, 72.233, 342.453



8, 31.164, 339.722

Previews

White Background



This preview shows how the CIELCh color 60, 68.514, 337.527 looks on a white background.

Color Contrast Check

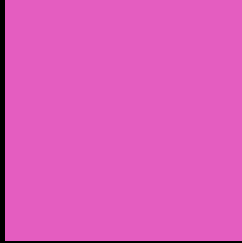
Large Text (above 18pt) WCAG AA ✓ Pass

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, 68.514, 337.527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

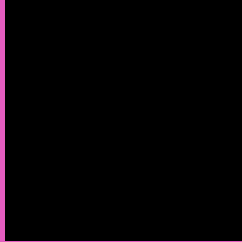
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 68.514, 337.527

Background



This preview shows how black text looks on a background with the CIELCh color 60, 68.514, 337.527.



This preview shows how white text looks on a background with the CIELCh color 60, 68.514, 337.527.

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



Original Color
60, 68.514, 337.527

Protanopia
60, 50.416, 285.956

Deuteranopia
60, 23.735, 290.328



Tritanopia
60, 46.372, 19.823

Trichromacy



Original Color
60, 68.514, 337.527



Protanomaly
58, 53.704, 305.651



Deuteranomaly
59, 39.340, 318.611



Tritanomaly
60, 51.003, 359.814

Monochromacy



Original Color
60, 68.514, 337.527



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, 68.514, 337.527 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, 93, 192)` looks like.

```
.text, #text, p{  
    color:rgb(228, 93, 192)  
}
```

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, 93, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 93, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 68.514, 337.527 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, 93, 192) }
```

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

```
.border{ border-color:rgb(228, 93, 192) }
```

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

Here you see how a box with a 4 pixel rgb(228, 93, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 93, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 93, 192);  
box-shadow:4px 4px 4px 4px rgb(228, 93,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 68.514, 337.527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 93, 192) }
```

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

```
.background{ background-color: rgb(228, 93,  
192) }
```

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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