

Converting Colors

CIELCh(60, 72.956, 334.831)

Have a look what the booklet for
CIELCh(60, 72.956, 334.831)
contains.

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Color

CIELCh(60, 72.826, 335.051)

Conversions

Conversions Part 1

Format	Color
Hex	E55AC8
RGB	229, 90, 200
RGB Percent	90%, 35%, 78%
CMY	0.1021, 0.6472, 0.2159
CMYK	0.00, 0.61, 0.13, 0.10
HSL	313°, 73%, 63%
HSV	313°, 61%, 90%
XYZ	46.3711, 28.1233, 57.6010
YIQ	144.1010, 47.5340, 63.6780

Conversions

Conversions Part 2

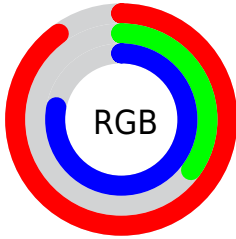
Format	Color
R _Y B	229, 90, 200
Decimal	15030984
CIE Lab	60.00, 66.03, -30.72
CIE LCh	60, 72.826, 335.051
Yxy	28.1233, 0.3510, 0.2129
Android (android.graphics.Color)	4293221064 (0xFFE55AC8)
YUV	144.1010, 27.5582, 74.4564
Hunter-Lab	53.0314, 63.2769, -27.2768

Details

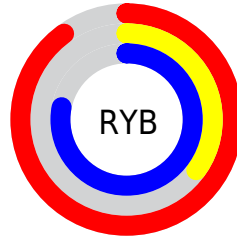
The CIELCh color **60, 72.826, 335.051** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **82, 73.804, 144.844**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 66.782, 326.709**, and **40, 72.974, 334.879** is the 20% darker color. If you saturate the color by 10%, you get **57, 81.014, 335.874**, and if you desaturate by 10%, it is **64, 62.702, 334.280**.

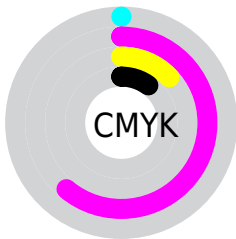
Distribution



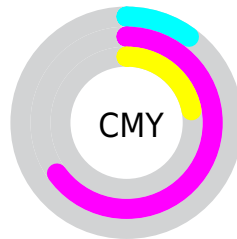
- Red (90%)
- Green (35%)
- Blue (78%)



- Red (90%)
- Yellow (35%)
- Blue (78%)



- Cyan (0%)
- Magenta (61%)
- Yellow (13%)
- Black (10%)





- Cyan (10%)
- Magenta (65%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 72.826, 335.051 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, 72.826, 335.051 by changing the saturation by 10% instead.


 60, 72.826,
335.051


 60, 72.826,
335.051


 100, 72.826,
335.051


 50, 72.826,
335.051


 80, 72.826,
335.051

 40, 72.826,
335.051

 90, 72.826,
335.051

 30, 72.826,
335.051

 20, 72.826,
335.051

 10, 72.826,
335.051

 0, 72.826, 335.051

 60, 72.826,

 60, 72.826,

335.051

57, 81.014,
335.874

54, 86.753,
336.775

53, 89.759,
337.794

52, 90.448,
338.866

335.051

64, 62.702,
334.280

69, 51.237,
333.544

74, 38.958,
332.835

79, 26.287,
332.149

85, 13.531,
331.481

91, 0.895, 330.492

96, 11.493,
150.306

98, 12.610,
155.817

■ 98, 11.021,
164.863

Harmonies

Complementary

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



60, 72.826, 335.051



82, 73.804, 144.844

Rectangle

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



60, 72.826, 335.051



60, 72.826, 25.051



60, 72.826, 155.051



60, 72.826, 205.051

Sweetspot

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



60, 72.823, 335.051



89, 24.917, 331.974



48, 81.028, 304.132



46, 17.329, 332.171



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, 72.823, 335.051



62, 89.869, 336.111



58, 57.695, 5.274



45, 7.185, 331.397



40, 75.269, 338.655



8, 32.341, 336.733

Inverse Universe

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



60, 72.823, 335.051



62, 89.869, 336.111



83, 48.292, 168.973



45, 7.185, 331.397



40, 75.269, 338.655



8, 32.341, 336.733

Previews

White Background



This preview shows how the CIE LCh color 60, 72.826, 335.051 looks on a white background.

Color Contrast Check

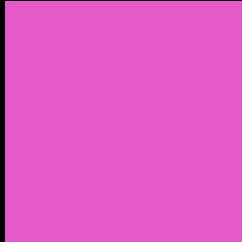
Large Text (above 18pt) WCAG AA ✓ Pass

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, 72.826, 335.051 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

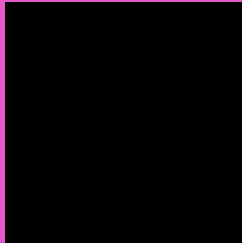
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 72.826, 335.051

Background



This preview shows how black text looks on a background with the CIELCh color 60, 72.826, 335.051.

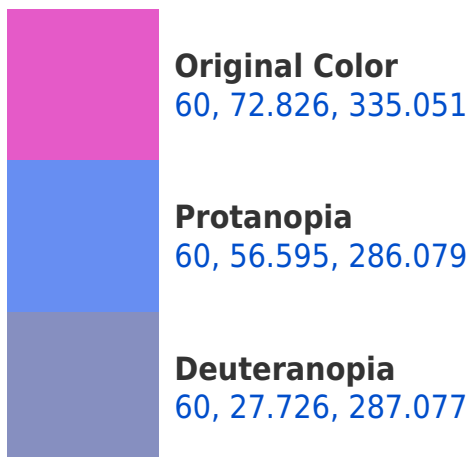


This preview shows how white text looks on a background with the CIELCh color 60, 72.826, 335.051.

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, 46.372, 19.823

Trichromacy



Original Color
60, 72.826, 335.051



Protanomaly
58, 59.593, 303.733



Deuteranomaly
59, 43.111, 315.180



Tritanomaly
60, 51.738, 358.330

Monochromacy



Original Color
60, 72.826, 335.051



Achromatopsia
60, 0.008, 296.813



Achromatomaly
58, 29.590, 332.956

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 72.826, 335.051 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(229, 90, 200)` looks like.

```
.text, #text, p{  
    color:rgb(229, 90, 200)  
}
```

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(229, 90, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 90, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 72.826, 335.051 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(229, 90, 200) }
```

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

```
.border{ border-color:rgb(229, 90, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 90, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 90, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 90, 200);  
box-shadow:4px 4px 4px 4px rgb(229, 90,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 72.826, 335.051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 90, 200) }
```

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

```
.background{ background-color: rgb(229, 90,  
200) }
```

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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