

Converting Colors

CIELCh(66, 75.589, 324.419)

Have a look what the booklet for
CIELCh(66, 75.589, 324.419)
contains.

CIELCh(66, 75.558, 324.462)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(66, 75.558, 324.462)

Conversions

Conversions Part 1

Format	Color
Hex	E573F0
RGB	229, 115, 240
RGB Percent	90%, 45%, 94%
CMY	0.1009, 0.5480, 0.0578
CMYK	0.05, 0.52, 0.00, 0.06
HSL	295°, 81%, 70%
HSV	295°, 52%, 94%
XYZ	54.3200, 35.3238, 86.5913
YIQ	163.3360, 27.8190, 63.0430

Conversions

Conversions Part 2

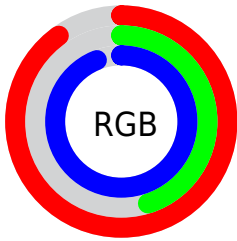
Format	Color
R _Y B	229, 115, 240
Decimal	15037424
CIE Lab	66.00, 61.48, -43.92
CIE LCh	66, 75.558, 324.462
Yxy	35.3238, 0.3082, 0.2004
Android (android.graphics.Color)	4293227504 (0xFFE573F0)
YUV	163.3360, 37.7954, 57.5873
Hunter-Lab	59.4338, 59.1321, -44.7780

Details

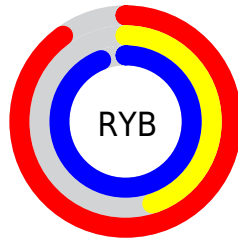
The CIELCh color **66, 75.558, 324.462** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **86, 75.316, 138.325**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 52.494, 326.235**, and **46, 75.371, 324.595** is the 20% darker color. If you saturate the color by 10%, you get **62, 87.625, 324.770**, and if you desaturate by 10%, it is **71, 62.025, 324.070**.

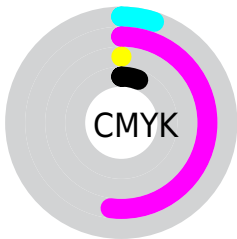
Distribution



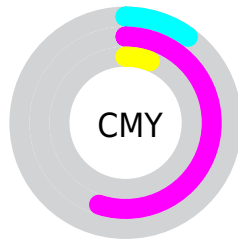
- Red (90%)
- Green (45%)
- Blue (94%)



- Red (90%)
- Yellow (45%)
- Blue (94%)



- Cyan (5%)
- Magenta (52%)
- Yellow (0%)
- Black (6%)





- Cyan (10%)
- Magenta (55%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 75.558, 324.462 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 66, 75.558, 324.462 by changing the saturation by 10% instead.

 66, 75.558,
324.462


 66, 75.558,
324.462


 100, 75.558,
324.462


 56, 75.558,
324.462


 86, 75.558,
324.462

 46, 75.558,
324.462

 96, 75.558,
324.462

 36, 75.558,
324.462

 26, 75.558,
324.462

 16, 75.558,
324.462

 6, 75.558, 324.462

 0, 75.558, 324.462

66, 75.558,
324.462

66, 75.558,
324.462

62, 87.625,
324.770

71, 62.025,
324.070

58, 97.605,
324.966

76, 47.605,
323.620

56, 104.943,
325.024

82, 32.753,
323.136

54, 109.355,
324.929

88, 17.806,
322.633

53, 111.106,
324.757

94, 2.989, 322.061

99, 8.839, 141.056

99, 8.464, 136.839

99, 8.138, 132.236

99, 7.869, 127.263

Harmonies

Complementary

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



66, 75.558, 324.462



86, 75.316, 138.325

Rectangle

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



66, 75.558, 324.462



66, 75.558, 14.462



66, 75.558, 144.462



66, 75.558, 194.462

Sweetspot

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



66, 75.556, 324.462



90, 24.908, 322.837



57, 63.838, 294.147



47, 16.833, 322.941



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 75.556, 324.462



65, 91.861, 324.775



65, 58.978, 343.525



47, 8.379, 322.501



41, 90.803, 324.814



9, 39.598, 325.280

Inverse Universe

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



64, 51.949, 19.265



62, 65.822, 22.021



86, 57.526, 153.287



47, 5.017, 12.839



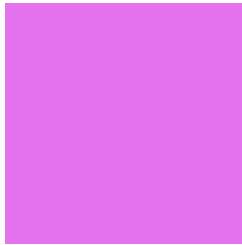
38, 78.013, 36.420



8, 29.401, 20.249

Previews

White Background



This preview shows how the CIELCh color 66, 75.558, 324.462 looks on a white background.

Color Contrast Check

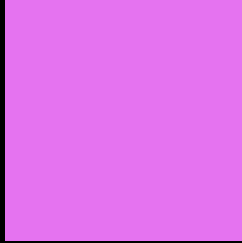
Large Text (above 18pt) WCAG AA × Fail

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 66, 75.558, 324.462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

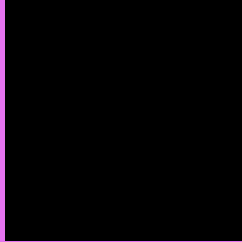
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 75.558, 324.462

Background



This preview shows how black text looks on a background with the CIELCh color 66, 75.558, 324.462.

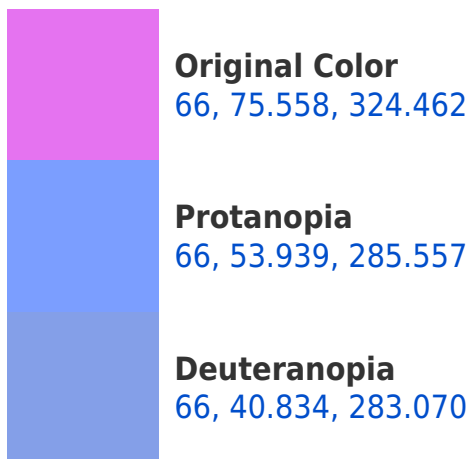


This preview shows how white text looks on a background with the CIELCh color 66, 75.558, 324.462.

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
66, 32.243, 13.180

Trichromacy



Original Color
66, 75.558, 324.462



Protanomaly
65, 60.391, 301.533



Deuteranomaly
65, 51.853, 303.398



Tritanomaly
66, 43.595, 343.749

Monochromacy



Original Color
66, 75.558, 324.462



Achromatopsia
67, 0.008, 296.813



Achromatomaly
66, 29.706, 323.244

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 75.558, 324.462 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, 115, 240)` looks like.

```
.text, #text, p{  
    color:rgb(229, 115, 240)  
}
```

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, 115, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 115, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 75.558, 324.462 is called "border". The border property can be set on classes, ids or directly on the HTML element.

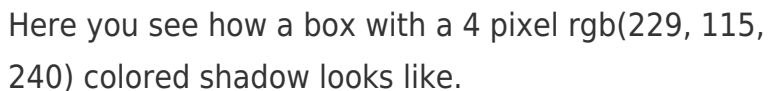
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(229, 115, 240) }
```

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

```
.border{ border-color:rgb(229, 115, 240) }
```

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



Here you see how a box with a 4 pixel `rgb(229, 115, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 115, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 115, 240);  
box-shadow:4px 4px 4px 4px rgb(229, 115,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 75.558, 324.462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 115, 240) }
```

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

```
.background{ background-color: rgb(229,  
115, 240) }
```

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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