

Converting Colors

CIELCh(60, 73.943, 325.110)

Have a look what the booklet for
CIELCh(60, 73.943, 325.110)
contains.

CIELCh(60, 74.129, 325.228)	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(60, 74.129, 325.228)

Conversions

Conversions Part 1

Format	Color
Hex	D463DC
RGB	212, 99, 220
RGB Percent	83%, 39%, 86%
CMY	0.1683, 0.6114, 0.1369
CMYK	0.04, 0.55, 0.00, 0.14
HSL	296°, 63%, 63%
HSV	296°, 55%, 86%
XYZ	44.5787, 28.1233, 70.8516
YIQ	146.5810, 28.5070, 61.5870

Conversions

Conversions Part 2

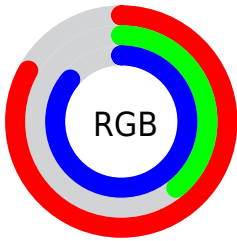
Format	Color
R _Y B	212, 99, 220
Decimal	13919196
CIE Lab	60.00, 60.89, -42.28
CIE LCh	60, 74.129, 325.228
Yxy	28.1233, 0.3105, 0.1959
Android (android.graphics.Color)	4292109276 (0xFFD463DC)
YUV	146.5810, 36.1956, 57.3725
Hunter-Lab	53.0314, 57.2436, -42.0912

Details

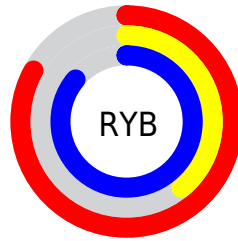
The CIELCh color **60, 74.129, 325.228** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **79, 74.167, 138.527**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 62.108, 326.555**, and **40, 74.126, 325.463** is the 20% darker color. If you saturate the color by 10%, you get **56, 84.835, 325.527**, and if you desaturate by 10%, it is **64, 61.867, 324.843**.

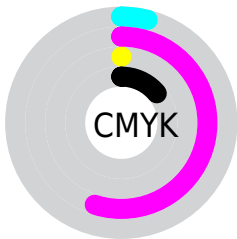
Distribution



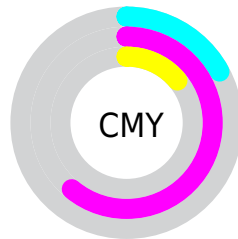
- Red (83%)
- Green (39%)
- Blue (86%)



- Red (83%)
- Yellow (39%)
- Blue (86%)



- Cyan (4%)
- Magenta (55%)
- Yellow (0%)
- Black (14%)



- Cyan (17%)
- Magenta (61%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 74.129, 325.228 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, 74.129, 325.228 by changing the saturation by 10% instead.

 60, 74.129,
325.228

 60, 74.129,
325.228

 100, 74.129,
325.228

 50, 74.129,
325.228

 80, 74.129,
325.228

 40, 74.129,
325.228

 90, 74.129,
325.228

 30, 74.129,
325.228

 20, 74.129,
325.228

 10, 74.129,
325.228

 0, 74.129, 325.228

 60, 74.129,

 60, 74.129,

325.228

56, 84.835,
325.527

53, 93.429,
325.715

51, 99.468,
325.774

50, 102.813,
325.695

50, 103.804,
325.621

325.228

64, 61.867,
324.843

69, 48.605,
324.397

74, 34.803,
323.912


79, 20.810,
323.404

85, 6.872, 322.872

91, 6.850, 142.449

96, 20.256,
141.940

97, 21.102,
140.872

 97, 20.824,
139.717

Harmonies

Complementary

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



60, 74.129, 325.228



79, 74.167, 138.527

Rectangle

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



60, 74.129, 325.228



60, 74.129, 15.228



60, 74.129, 145.228



60, 74.129, 195.228

Sweetspot

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



60, 74.127, 325.228



90, 25.067, 323.463



50, 65.686, 296.122



47, 16.938, 323.570



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, 74.127, 325.228



64, 96.491, 325.564



59, 56.571, 345.770



43, 7.840, 323.115



39, 86.875, 325.662



6, 34.308, 325.900

Inverse Universe

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



57, 51.645, 21.539



61, 70.863, 24.885



80, 54.754, 154.395



43, 4.649, 14.587



36, 75.517, 37.229



5, 23.754, 17.418

Previews

White Background



This preview shows how the CIELCh color 60, 74.129, 325.228 looks on a white background.

Color Contrast Check

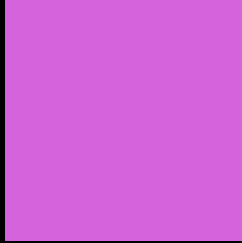
Large Text (above 18pt) WCAG AA ✓ Pass

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, 74.129, 325.228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

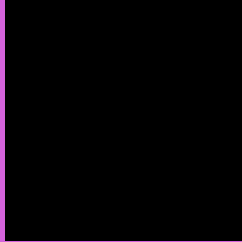
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 74.129, 325.228

Background



This preview shows how black text looks on a background with the CIELCh color 60, 74.129, 325.228.

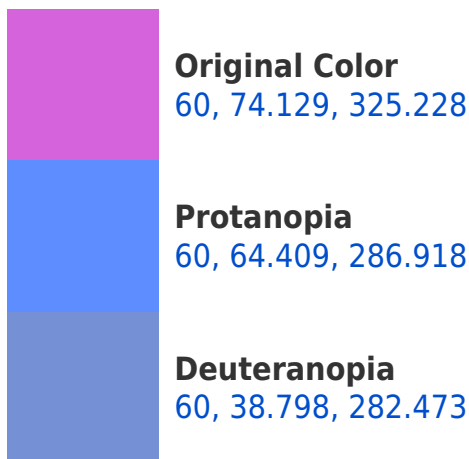


This preview shows how white text looks on a background with the CIELCh color 60, 74.129, 325.228.

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, 32.926, 14.606

Trichromacy



Original Color
60, 74.129, 325.228



Protanomaly
59, 65.731, 299.388



Deuteranomaly
59, 49.999, 303.976



Tritanomaly
60, 43.236, 345.946

Monochromacy



Original Color
60, 74.129, 325.228



Achromatopsia
61, 0.008, 296.813



Achromatomaly
60, 29.090, 323.847

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 74.129, 325.228 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(212, 99, 220)` looks like.

```
.text, #text, p{  
    color:rgb(212, 99, 220)  
}
```

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(212, 99, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 99, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 74.129, 325.228 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(212, 99, 220) }
```

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

```
.border{ border-color:rgb(212, 99, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 99, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 99, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 99, 220);  
box-shadow:4px 4px 4px 4px rgb(212, 99,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 74.129, 325.228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 99, 220) }
```

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

```
.background{ background-color: rgb(212, 99,  
220) }
```

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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