

Converting Colors

CIELCh(61, 71.856, 324.824)

Have a look what the booklet for
CIELCh(61, 71.856, 324.824)
contains.

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Color

CIELCh(61, 71.856, 324.824)

Conversions

Conversions Part 1

Format	Color
Hex	D468DD
RGB	212, 104, 221
RGB Percent	83%, 41%, 87%
CMY	0.1673, 0.5909, 0.1321
CMYK	0.04, 0.53, 0.00, 0.13
HSL	295°, 63%, 64%
HSV	295°, 53%, 87%
XYZ	45.3239, 29.2481, 71.8905
YIQ	149.6300, 26.8110, 59.2830

Conversions

Conversions Part 2

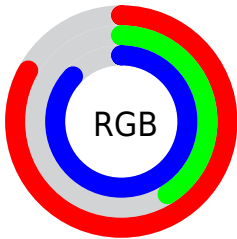
Format	Color
R _Y B	212, 104, 221
Decimal	13920477
CIE Lab	61.00, 58.73, -41.40
CIE LCh	61, 71.856, 324.824
Yxy	29.2481, 0.3095, 0.1997
Android (android.graphics.Color)	4292110557 (0xFFD468DD)
YUV	149.6300, 35.1854, 54.6985
Hunter-Lab	54.0815, 54.9521, -40.9570

Details

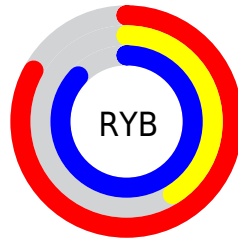
The CIELCh color **61, 71.856, 324.824** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **80, 71.739, 138.505**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 59.735, 326.477**, and **41, 71.755, 325.003** is the 20% darker color. If you saturate the color by 10%, you get **57, 83.017, 325.134**, and if you desaturate by 10%, it is **65, 59.273, 324.431**.

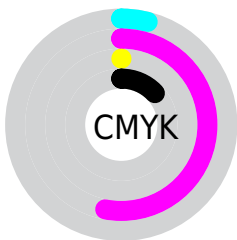
Distribution



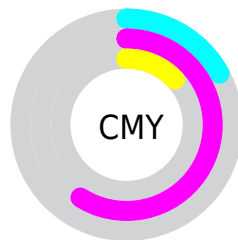
- Red (83%)
- Green (41%)
- Blue (87%)



- Red (83%)
- Yellow (41%)
- Blue (87%)



- Cyan (4%)
- Magenta (53%)
- Yellow (0%)
- Black (13%)





- Cyan (17%)
- Magenta (59%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 71.856, 324.824 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 61, 71.856, 324.824 by changing the saturation by 10% instead.


 61, 71.856,
324.824


 61, 71.856,
324.824


 100, 71.856,
324.824


 51, 71.856,
324.824


 81, 71.856,
324.824

 41, 71.856,
324.824

 91, 71.856,
324.824

 31, 71.856,
324.824

 21, 71.856,
324.824

 11, 71.856,
324.824

 1, 71.856, 324.824

 0, 71.856, 324.824

61, 71.856,
324.824

61, 71.856,
324.824

57, 83.017,
325.134

65, 59.273,
324.431

54, 92.186,
325.335

70, 45.812,
323.981

52, 98.867,
325.404

75, 31.908,
323.495

50, 102.828,
325.328

81, 17.883,
322.990


50, 104.333,
325.202

87, 3.960, 322.439

92, 9.717, 142.041

97, 20.467,
141.383

97, 20.140,
139.994

 97, 19.824,
138.554

Harmonies

Complementary

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



61, 71.856, 324.824



80, 71.739, 138.505

Rectangle

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



61, 71.856, 324.824



61, 71.856, 14.824



61, 71.856, 144.824



61, 71.856, 194.824

Sweetspot

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



61, 71.854, 324.824



90, 24.988, 323.156



52, 61.971, 294.978



47, 16.886, 323.261



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 71.854, 324.824



65, 93.109, 325.150



60, 55.445, 344.528



43, 7.814, 322.812



39, 86.949, 325.250



6, 34.258, 325.525

Inverse Universe

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



59, 49.562, 20.232



62, 67.201, 23.143



80, 53.867, 153.942



43, 4.655, 13.722



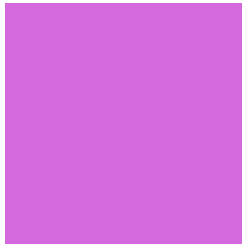
36, 75.082, 36.759



5, 23.745, 16.953

Previews

White Background



This preview shows how the CIELCh color 61, 71.856, 324.824 looks on a white background.

Color Contrast Check

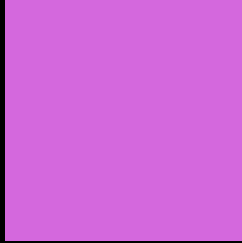
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 71.856, 324.824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

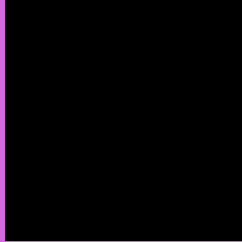
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 71.856, 324.824

Background



This preview shows how black text looks on a background with the CIELCh color 61, 71.856, 324.824.

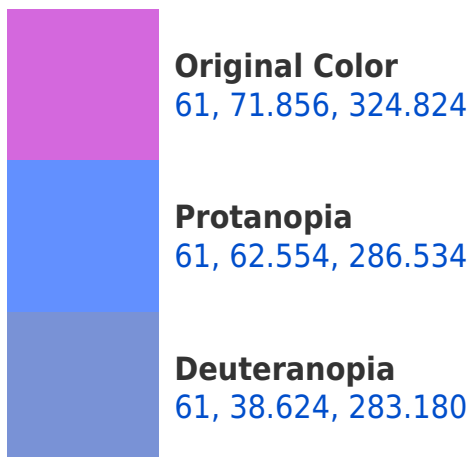


This preview shows how white text looks on a background with the CIELCh color 61, 71.856, 324.824.

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
61, 31.107, 13.804

Trichromacy



Original Color
61, 71.856, 324.824



Protanomaly
60, 63.806, 299.219



Deuteranomaly
60, 49.248, 303.634



Tritanomaly
61, 41.735, 344.956

Monochromacy



Original Color
61, 71.856, 324.824



Achromatopsia
62, 0.008, 296.813



Achromatomaly
61, 28.354, 323.760

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 71.856, 324.824 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, 104, 221)` looks like.

```
.text, #text, p{  
    color:rgb(212, 104, 221)  
}
```

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, 104, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 104, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 71.856, 324.824 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, 104, 221) }
```

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

```
.border{ border-color:rgb(212, 104, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 104, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 104, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 104, 221);  
box-shadow:4px 4px 4px 4px rgb(212, 104,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 71.856, 324.824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 104, 221) }
```

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

```
.background{ background-color: rgb(212,  
104, 221) }
```

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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