

Converting Colors

CIELCh(61, 68.094, 327.064)

Have a look what the booklet for
CIELCh(61, 68.094, 327.064)
contains.

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Color

CIELCh(61, 68.556, 327.081)

Conversions

Conversions Part 1

Format	Color
Hex	D669D6
RGB	214, 105, 214
RGB Percent	84%, 41%, 84%
CMY	0.1608, 0.5883, 0.1608
CMYK	0.00, 0.51, 0.00, 0.16
HSL	300°, 57%, 63%
HSV	300°, 51%, 84%
XYZ	44.9125, 29.2481, 66.8862
YIQ	150.0170, 29.9750, 57.0070

Conversions

Conversions Part 2

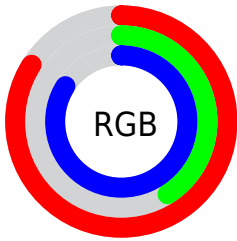
Format	Color
R_{YB}	214, 105, 214
Decimal	14051798
CIE _{Lab}	61.00, 57.55, -37.26
CIE _{LCh}	61, 68.556, 327.081
Yxy	29.2481, 0.3184, 0.2074
Android (android.graphics.Color)	4292241878 (0xFFD669D6)
YUV	150.0170, 31.5436, 56.1131
Hunter-Lab	54.0815, 53.5943, -35.4707

Details

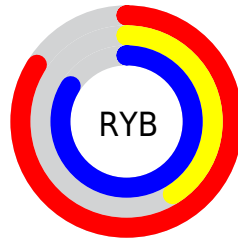
The CIELCh color **61, 68.556, 327.081** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **77, 68.955, 140.246**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 59.138, 326.457**, and **41, 68.829, 327.123** is the 20% darker color. If you saturate the color by 10%, you get **57, 79.559, 327.479**, and if you desaturate by 10%, it is **65, 56.137, 326.620**.

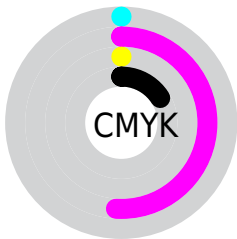
Distribution



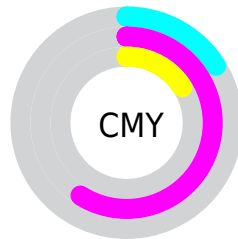
- Red (84%)
- Green (41%)
- Blue (84%)



- Red (84%)
- Yellow (41%)
- Blue (84%)



- Cyan (0%)
- Magenta (51%)
- Yellow (0%)
- Black (16%)





- Cyan (16%)
- Magenta (59%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 68.556, 327.081 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, 68.556, 327.081 by changing the saturation by 10% instead.


 61, 68.556,
327.081


 61, 68.556,
327.081


 100, 68.556,
327.081


 51, 68.556,
327.081


 81, 68.556,
327.081

 41, 68.556,
327.081

 91, 68.556,
327.081

 31, 68.556,
327.081

 21, 68.556,
327.081

 11, 68.556,
327.081

 1, 68.556, 327.081

 0, 68.556, 327.081

61, 68.556,
327.081

61, 68.556,
327.081

57, 79.559,
327.479

65, 56.137,
326.620

55, 88.619,
327.799

70, 42.823,
326.114

53, 95.294,
328.030

75, 29.041,
325.578

51, 99.386,
328.170

80, 15.121,
325.023

51, 101.243,
328.233

85, 1.292, 324.284

91, 12.293,
143.978

96, 25.541,
143.445

96, 25.675,
143.440

■ 96, 25.675,
143.440

Harmonies

Complementary

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



61, 68.556, 327.081



77, 68.955, 140.246

Rectangle

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



61, 68.556, 327.081



61, 68.556, 17.081



61, 68.556, 147.081



61, 68.556, 197.081

Sweetspot

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



61, 68.554, 327.081



91, 23.957, 325.259



49, 63.582, 297.679



47, 16.356, 325.377



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, 68.554, 327.081



68, 91.589, 327.503



59, 49.855, 349.169



42, 7.847, 324.937



41, 85.606, 328.233



6, 32.951, 328.043

Inverse Universe

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



61, 68.554, 327.081



68, 91.589, 327.503



78, 47.216, 158.240



42, 7.847, 324.937



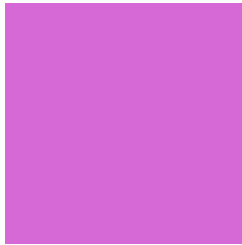
41, 85.606, 328.233



6, 32.951, 328.043

Previews

White Background



This preview shows how the CIELCh color 61, 68.556, 327.081 looks on a white background.

Color Contrast Check

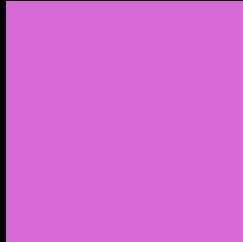
Large Text (above 18pt) WCAG AA ✓ Pass

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, 68.556, 327.081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

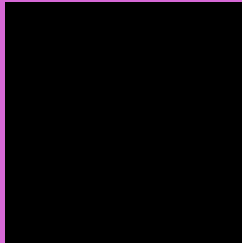
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 68.556, 327.081

Background



This preview shows how black text looks on a background with the CIELCh color 61, 68.556, 327.081.

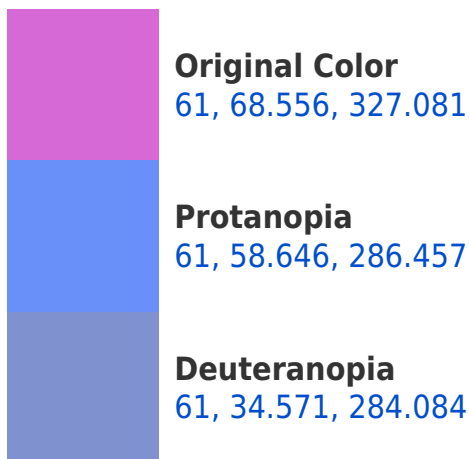


This preview shows how white text looks on a background with the CIELCh color 61, 68.556, 327.081.

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, 32.793, 14.513

Trichromacy



Original Color
61, 68.556, 327.081



Protanomaly
60, 60.020, 300.189



Deuteranomaly
60, 45.675, 306.233

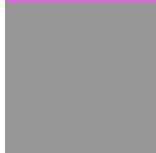


Tritanomaly
61, 41.775, 348.056

Monochromacy



Original Color
61, 68.556, 327.081



Achromatopsia
62, 0.008, 296.813



Achromatomaly
61, 26.306, 325.648

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 68.556, 327.081 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(214, 105, 214)` looks like.

```
.text, #text, p{  
    color:rgb(214, 105, 214)  
}
```

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(214, 105, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 105, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 68.556, 327.081 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(214, 105, 214) }
```

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

```
.border{ border-color:rgb(214, 105, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 105, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 105, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 105, 214);  
box-shadow:4px 4px 4px 4px rgb(214, 105,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 68.556, 327.081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 105, 214) }
```

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

```
.background{ background-color: rgb(214,  
105, 214) }
```

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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