

Converting Colors

CIELCh(61, 61.647, 328.478)

Have a look what the booklet for
CIELCh(61, 61.647, 328.478)
contains.

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Color

CIELCh(61, 61.515, 328.422)

Conversions

Conversions Part 1

Format	Color
Hex	D26ECD
RGB	210, 110, 205
RGB Percent	82%, 43%, 80%
CMY	0.1766, 0.5687, 0.1962
CMYK	0.00, 0.48, 0.02, 0.18
HSL	303°, 53%, 63%
HSV	303°, 48%, 82%
XYZ	43.1568, 29.2481, 61.1078
YIQ	150.7300, 29.1050, 50.7450

Conversions

Conversions Part 2

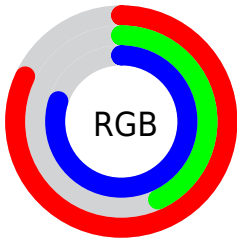
Format	Color
R _Y B	210, 110, 205
Decimal	13790925
CIE Lab	61.00, 52.41, -32.21
CIE LCh	61, 61.515, 328.422
Yxy	29.2481, 0.3232, 0.2191
Android (android.graphics.Color)	4291981005 (0xFFD26ECD)
YUV	150.7300, 26.7551, 51.9798
Hunter-Lab	54.0815, 47.7994, -29.1359

Details

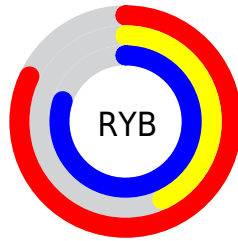
The CIELCh color **61, 61.515, 328.422** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **76, 61.823, 141.907**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 56.135, 326.357**, and **41, 61.484, 328.477** is the 20% darker color. If you saturate the color by 10%, you get **57, 72.507, 328.905**, and if you desaturate by 10%, it is **65, 49.337, 327.900**.

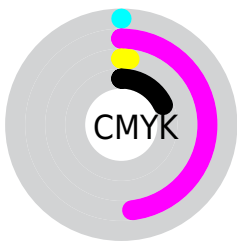
Distribution



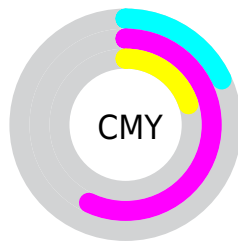
- Red (82%)
- Green (43%)
- Blue (80%)



- Red (82%)
- Yellow (43%)
- Blue (80%)



- Cyan (0%)
- Magenta (48%)
- Yellow (2%)
- Black (18%)





- Cyan (18%)
- Magenta (57%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 61.515, 328.422 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, 61.515, 328.422 by changing the saturation by 10% instead.


 61, 61.515,
328.422


 61, 61.515,
328.422


 100, 61.515,
328.422


 51, 61.515,
328.422


 81, 61.515,
328.422


 41, 61.515,
328.422


 91, 61.515,
328.422

 31, 61.515,
328.422

 21, 61.515,
328.422

 11, 61.515,
328.422

 1, 61.515, 328.422

 0, 61.515, 328.422

61, 61.515,
328.422

61, 61.515,
328.422

57, 72.507,
328.905

65, 49.337,
327.900

54, 81.791,
329.336

70, 36.459,
327.350

52, 88.874,
329.708

75, 23.258,
326.785

50, 93.447,
330.021

80, 10.013,
326.206

49, 95.592,
330.285

85, 3.084, 145.769

49, 95.944,
330.344

91, 15.913,
145.155

96, 27.217,
144.735

96, 26.779,
145.397

■ 96, 26.345,
146.079

Harmonies

Complementary

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



61, 61.515, 328.422



76, 61.823, 141.907

Rectangle

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



61, 61.515, 328.422



61, 61.515, 18.422



61, 61.515, 148.422



61, 61.515, 198.422

Sweetspot

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



61, 61.512, 328.422



91, 21.606, 326.587



51, 58.121, 297.861



47, 14.928, 326.712



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, 61.512, 328.422



69, 83.968, 328.905



59, 45.350, 350.740



41, 7.436, 326.312



39, 81.428, 330.310



6, 29.953, 329.493

Inverse Universe

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



61, 61.512, 328.422



69, 83.968, 328.905



77, 42.525, 160.473



41, 7.436, 326.312



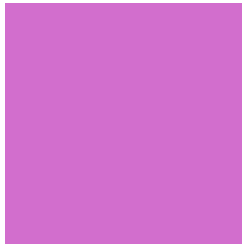
39, 81.428, 330.310



6, 29.953, 329.493

Previews

White Background



This preview shows how the CIELCh color 61, 61.515, 328.422 looks on a white background.

Color Contrast Check

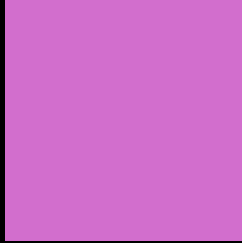
Large Text (above 18pt) WCAG AA ✓ Pass

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, 61.515, 328.422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

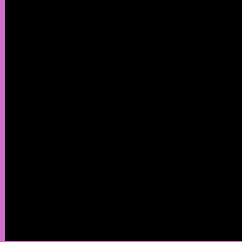
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 61.515, 328.422

Background



This preview shows how black text looks on a background with the CIELCh color 61, 61.515, 328.422.

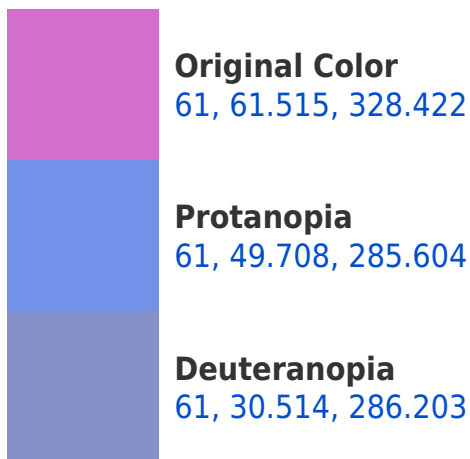


This preview shows how white text looks on a background with the CIELCh color 61, 61.515, 328.422.

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, 31.517, 13.979

Trichromacy



Original Color
61, 61.515, 328.422



Protanomaly
60, 51.748, 301.261



Deuteranomaly
60, 40.317, 308.144

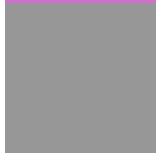


Tritanomaly
61, 38.988, 349.589

Monochromacy



Original Color
61, 61.515, 328.422



Achromatopsia
62, 0.008, 296.813



Achromatomaly
61, 23.855, 326.324

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 61.515, 328.422 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(210, 110, 205)` looks like.

```
.text, #text, p{  
    color:rgb(210, 110, 205)  
}
```

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(210, 110, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 110, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 61.515, 328.422 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(210, 110, 205) }
```

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

```
.border{ border-color:rgb(210, 110, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 110, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 110, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 110, 205);  
box-shadow:4px 4px 4px 4px rgb(210, 110,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 61.515, 328.422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 110, 205) }
```

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

```
.background{ background-color: rgb(210,  
110, 205) }
```

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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