

Converting Colors

CIELCh(61, 65.271, 310.484)

Have a look what the booklet for
CIELCh(61, 65.271, 310.484)
contains.

CIELCh(61, 65.209, 310.282)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(61, 65.209, 310.282)

Conversions

Conversions Part 1

Format	Color
Hex	AF7BEC
RGB	175, 123, 236
RGB Percent	69%, 48%, 93%
CMY	0.3146, 0.5184, 0.0754
CMYK	0.26, 0.48, 0.00, 0.08
HSL	268°, 75%, 70%
HSV	268°, 48%, 92%
XYZ	39.7964, 29.2481, 82.7356
YIQ	151.4300, -5.2810, 46.1670

Conversions

Conversions Part 2

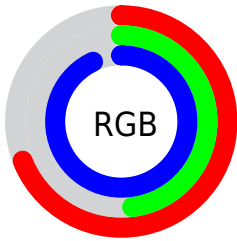
Format	Color
RYB	175, 123, 236
Decimal	11500524
CIELab	61.00, 42.16, -49.75
CIElCh	61, 65.209, 310.282
Yxy	29.2481, 0.2622, 0.1927
Android (android.graphics.Color)	4289690604 (0xFFAF7BEC)
YUV	151.4300, 41.6930, 20.6709
Hunter-Lab	54.0815, 36.7080, -52.8465

Details

The CIELCh color $61, 65.209, 310.282$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $88, 60.287, 125.385$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 45.648, 317.623$, and $41, 65.700, 310.186$ is the 20% darker color. If you saturate the color by 10%, you get $55, 79.024, 310.845$, and if you desaturate by 10%, it is $68, 51.168, 309.684$.

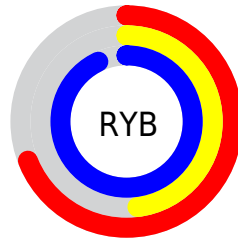
Distribution



Red (69%)

Green (48%)

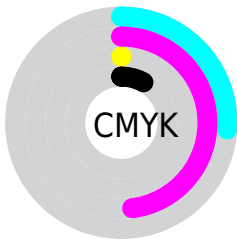
Blue (93%)



Red (69%)

Yellow (48%)

Blue (93%)

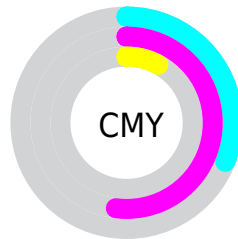


Cyan (26%)

Magenta (48%)

Yellow (0%)

Black (8%)



Cyan (31%)


Magenta (52%)


Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 65.209, 310.282 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, 65.209, 310.282 by changing the saturation by 10% instead.


 61, 65.209,
310.282


 61, 65.209,
310.282


 100, 65.209,
310.282


 51, 65.209,
310.282


 81, 65.209,
310.282

 41, 65.209,
310.282

 91, 65.209,
310.282

 31, 65.209,
310.282

 21, 65.209,
310.282

 11, 65.209,
310.282

 1, 65.209, 310.282

 0, 65.209, 310.282

61, 65.209,
310.282

61, 65.209,
310.282

55, 79.024,
310.845

68, 51.168,
309.684

49, 92.076,
311.305

74, 37.226,
309.095

44, 103.546,
311.560

81, 23.560,
308.537

40, 112.407,
311.482

88, 10.257,
308.020

37, 117.886,
310.976

95, 2.644, 127.617

36, 118.818,
310.856

99, 9.844, 117.473

100, 9.730,
109.441

Harmonies

Complementary

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



61, 65.209, 310.282



88, 60.287, 125.385

Rectangle

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



61, 65.209, 310.282



61, 65.209, 0.282



61, 65.209, 130.282



61, 65.209, 180.282

Sweetspot

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



61, 65.208, 310.282



90, 19.507, 308.333



73, 32.152, 258.528



46, 13.510, 308.447



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, 65.208, 310.282



60, 82.882, 310.810



67, 69.548, 325.458



45, 7.348, 308.098



27, 97.302, 311.045



4, 37.472, 310.276

Inverse Universe

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



66, 52.067, 346.377



66, 64.713, 347.747



85, 69.543, 139.525



46, 6.123, 342.286



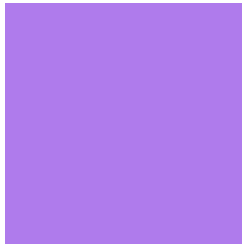
39, 66.125, 358.203



8, 29.029, 352.241

Previews

White Background



This preview shows how the CIELCh color 61, 65.209, 310.282 looks on a white background.

Color Contrast Check

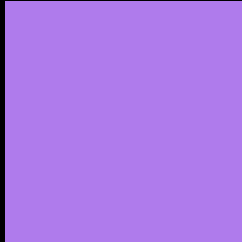
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 61, 65.209, 310.282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

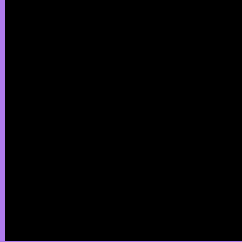
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 65.209, 310.282

Background



This preview shows how black text looks on a background with the CIELCh color 61, 65.209, 310.282.

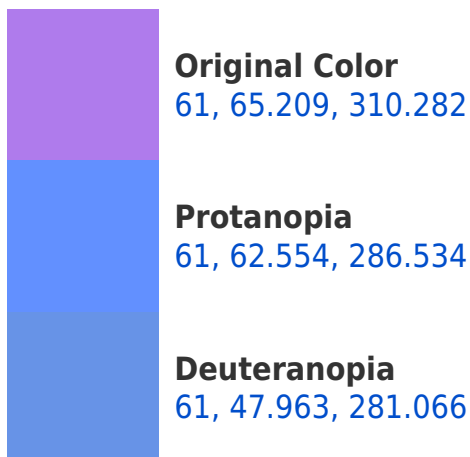



This preview shows how white text looks on a background with the CIELCh color 61, 65.209, 310.282.

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, 9.346, 338.913

Trichromacy



Original Color
61, 65.209, 310.282

Protanomaly
61, 62.920, 294.289

Deuteranomaly
61, 53.467, 293.095

Tritanomaly
61, 29.236, 314.434

Monochromacy



Original Color
61, 65.209, 310.282

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 24.163, 308.881

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 65.209, 310.282 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(175, 123, 236)` looks like.

```
.text, #text, p{  
    color:rgb(175, 123, 236)  
}
```

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(175, 123, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 123, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 65.209, 310.282 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(175, 123, 236) }
```

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

```
.border{ border-color:rgb(175, 123, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 123, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 123, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 123, 236);  
box-shadow:4px 4px 4px 4px rgb(175, 123,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 65.209, 310.282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 123, 236) }
```

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

```
.background{ background-color: rgb(175,  
123, 236) }
```

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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