

Converting Colors

CIELCh(60, 73.303, 311.755)

Have a look what the booklet for
CIELCh(60, 73.303, 311.755)
contains.

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Color

CIELCh(60, 73.248, 311.635)

Conversions

Conversions Part 1

Format	Color
Hex	B273F2
RGB	178, 115, 242
RGB Percent	70%, 45%, 95%
CMY	0.3021, 0.5491, 0.0511
CMYK	0.26, 0.52, 0.00, 0.05
HSL	270°, 83%, 70%
HSV	270°, 52%, 95%
XYZ	40.5006, 28.1233, 87.2697
YIQ	148.3150, -3.2190, 52.8530

Conversions

Conversions Part 2

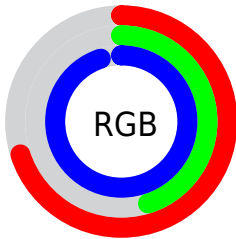
Format	Color
R _Y B	178, 115, 242
Decimal	11695090
CIE Lab	60.00, 48.66, -54.74
CIE LCh	60, 73.248, 311.635
Yxy	28.1233, 0.2598, 0.1804
Android (android.graphics.Color)	4289885170 (0xFFB273F2)
YUV	148.3150, 46.1867, 26.0337
Hunter-Lab	53.0314, 43.5170, -60.4469

Details

The CIELCh color $60, 73.248, 311.635$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $89, 67.636, 126.511$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $78, 51.017, 319.667$, and $40, 73.051, 311.696$ is the 20% darker color. If you saturate the color by 10%, you get $54, 86.929, 312.096$, and if you desaturate by 10%, it is $66, 59.031, 311.101$.

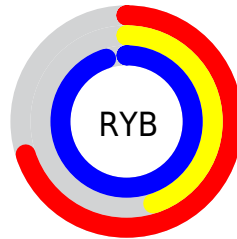
Distribution



Red (70%)

Green (45%)

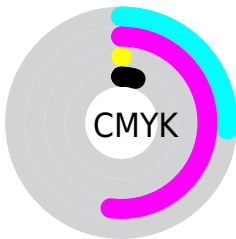
Blue (95%)



Red (70%)

Yellow (45%)

Blue (95%)

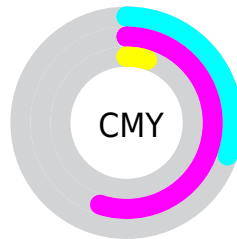


Cyan (26%)

Magenta (52%)

Yellow (0%)

Black (5%)



Cyan (30%)


Magenta (55%)


Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 73.248, 311.635 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, 73.248, 311.635 by changing the saturation by 10% instead.


 60, 73.248,
311.635


 60, 73.248,
311.635


 100, 73.248,
311.635


 50, 73.248,
311.635


 80, 73.248,
311.635

 40, 73.248,
311.635

 90, 73.248,
311.635

 30, 73.248,
311.635

 20, 73.248,
311.635

 10, 73.248,
311.635

 0, 73.248, 311.635

 60, 73.248,

 60, 73.248,

311.635

54, 86.929,
312.096

49, 99.392,
312.403

44, 109.704,
312.447

40, 116.890,
312.110

39, 120.245,
311.617

311.635

66, 59.031,
311.101

73, 44.722,
310.547

80, 30.581,
310.006

87, 16.747,
309.496

94, 3.292, 308.999

99, 6.757, 121.406

100, 6.598,
109.673

Harmonies

Complementary

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



60, 73.248, 311.635



89, 67.636, 126.511

Rectangle

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



60, 73.248, 311.635



60, 73.248, 1.635



60, 73.248, 131.635



60, 73.248, 181.635

Sweetspot

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



60, 73.247, 311.635



88, 22.508, 309.674



72, 37.160, 263.859



46, 15.240, 309.779



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, 73.247, 311.635



56, 91.401, 312.124



67, 77.450, 326.657



46, 7.532, 309.349



29, 97.577, 311.813



5, 39.617, 311.941

Inverse Universe

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



65, 56.677, 349.224



64, 68.942, 351.113



86, 77.849, 139.717



47, 6.082, 344.189



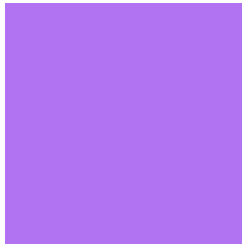
39, 66.262, 1.605



8, 29.481, 355.260

Previews

White Background



This preview shows how the CIELCh color 60, 73.248, 311.635 looks on a white background.

Color Contrast Check

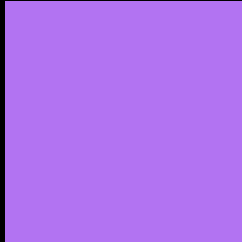
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 73.248, 311.635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

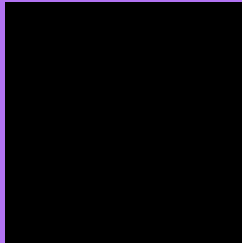
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 73.248, 311.635

Background



This preview shows how black text looks on a background with the CIELCh color 60, 73.248, 311.635.

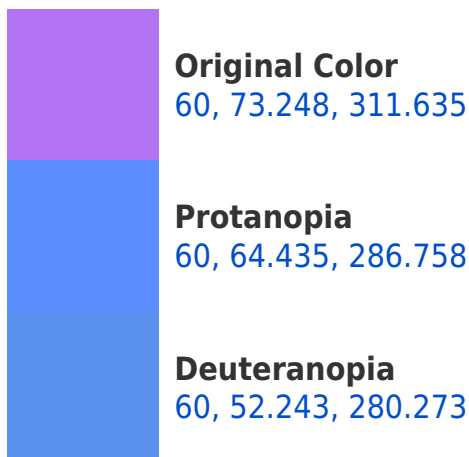


This preview shows how white text looks on a background with the CIELCh color 60, 73.248, 311.635.

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](#).

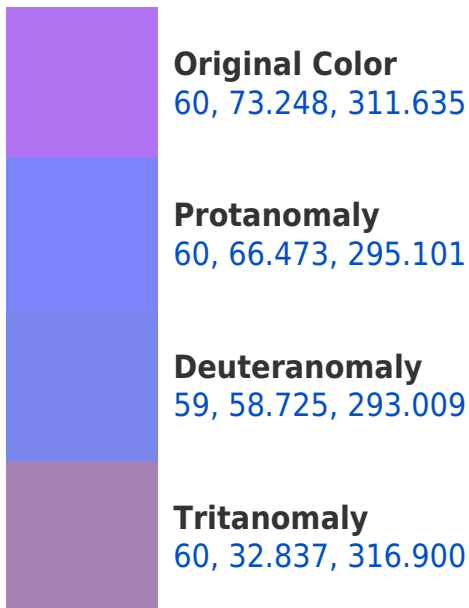
Dichromacy





Tritanopia
60, 10.936, 346.029

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 73.248, 311.635 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(178, 115, 242)` looks like.

```
.text, #text, p{  
    color:rgb(178, 115, 242)  
}
```

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(178, 115, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 115, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 73.248, 311.635 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(178, 115, 242) }
```

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

```
.border{ border-color:rgb(178, 115, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 115, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 115, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 115, 242);  
box-shadow:4px 4px 4px 4px rgb(178, 115,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 73.248, 311.635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 115, 242) }
```

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

```
.background{ background-color: rgb(178,  
115, 242) }
```

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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