

Converting Colors

CIELCh(60, 46.498, 311.399)

Have a look what the booklet for
CIELCh(60, 46.498, 311.399)
contains.

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Color

CIELCh(60, 46.078, 311.366)

Conversions

Conversions Part 1

Format	Color
Hex	A880CE
RGB	168, 128, 206
RGB Percent	66%, 50%, 81%
CMY	0.3421, 0.4989, 0.1931
CMYK	0.18, 0.38, 0.00, 0.19
HSL	271°, 44%, 65%
HSV	271°, 38%, 81%
XYZ	34.8991, 28.1233, 61.8270
YIQ	148.8520, -1.1980, 32.7380

Conversions

Conversions Part 2

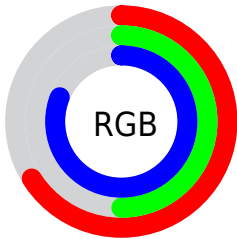
Format	Color
R_{YB}	168, 128, 206
Decimal	11043022
CIE _{Lab}	60.00, 30.45, -34.58
CIE _{LCh}	60, 46.078, 311.366
Yxy	28.1233, 0.2795, 0.2253
Android (android.graphics.Color)	4289233102 (0xFFA880CE)
YUV	148.8520, 28.1740, 16.7928
Hunter-Lab	53.0314, 24.6629, -32.0016

Details

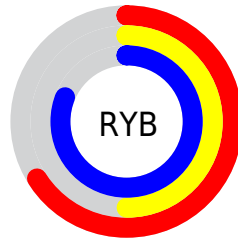
The CIELCh color $60, 46.078, 311.366$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $78, 43.720, 127.750$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 42.124, 313.160$, and $40, 45.875, 311.246$ is the 20% darker color. If you saturate the color by 10%, you get $54, 58.604, 311.890$, and if you desaturate by 10%, it is $66, 33.574, 310.837$.

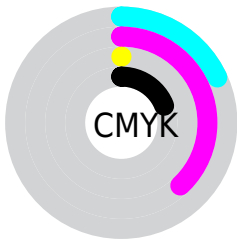
Distribution



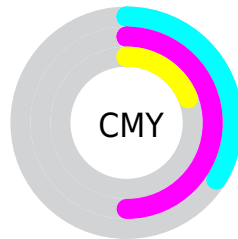
- Red (66%)
- Green (50%)
- Blue (81%)



- Red (66%)
- Yellow (50%)
- Blue (81%)



- Cyan (18%)
- Magenta (38%)
- Yellow (0%)
- Black (19%)



- Cyan (34%)
- Magenta (50%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 46.078, 311.366 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, 46.078, 311.366 by changing the saturation by 10% instead.

60, 46.078,
311.366

60, 46.078,
311.366

100, 46.078,
311.366

50, 46.078,
311.366

80, 46.078,
311.366

40, 46.078,
311.366

90, 46.078,
311.366

30, 46.078,
311.366

20, 46.078,
311.366

10, 46.078,
311.366

0, 46.078, 311.366

60, 46.078,

60, 46.078,

311.366

■ 54, 58.604,
311.890

■ 49, 70.854,
312.367

■ 44, 82.347,
312.733

■ 39, 92.387,
312.899

■ 36, 100.136,
312.755

■ 33, 105.047,
312.227

■ 33, 105.939,
312.110

311.366

■ 66, 33.574,
310.837

■ 72, 21.270,
310.327

■ 78, 9.259, 309.846


■ 84, 2.415, 129.478

■ 90, 13.737,
129.046

■ 96, 24.706,
128.696

■ 98, 25.728,
122.488

■ 98, 25.019,
114.307

 99, 24.855,
108.292

Harmonies

Complementary

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



60, 46.078, 311.366



78, 43.720, 127.750

Rectangle

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



60, 46.078, 311.366



60, 46.078, 1.366



60, 46.078, 131.366



60, 46.078, 181.366

Sweetspot

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



60, 46.076, 311.366



92, 15.416, 309.999



67, 24.339, 261.809



48, 10.378, 310.064



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, 46.076, 311.366



68, 65.463, 311.770



64, 50.535, 326.466



40, 6.617, 309.916



26, 90.063, 312.284



3, 24.605, 307.123

Inverse Universe

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



63, 36.110, 348.114



72, 50.808, 349.143



76, 50.612, 141.620



40, 5.267, 345.089



35, 61.310, 2.824



4, 19.795, 354.324

Previews

White Background



This preview shows how the CIELCh color 60, 46.078, 311.366 looks on a white background.

Color Contrast Check

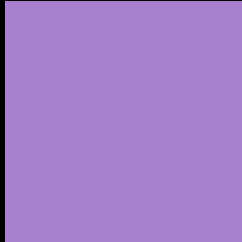
Large Text (above 18pt) WCAG AA ✓ Pass

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, 46.078, 311.366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

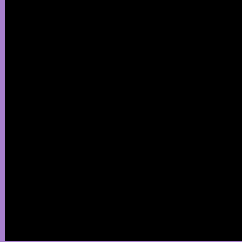
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 46.078, 311.366

Background



This preview shows how black text looks on a background with the CIELCh color 60, 46.078, 311.366.



This preview shows how white text looks on a background with the CIELCh color 60, 46.078, 311.366.

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



Original Color
60, 46.078, 311.366

Protanopia
60, 43.088, 285.897

Deuteranopia
60, 34.105, 284.434



Tritanopia
60, 9.978, 342.012

Trichromacy



Original Color
60, 46.078, 311.366

Protanomaly
60, 43.519, 294.850

Deuteranomaly
60, 37.971, 296.210

Tritanomaly
60, 22.245, 318.827

Monochromacy



Original Color
60, 46.078, 311.366

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 17.346, 310.426

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 46.078, 311.366 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(168, 128, 206)` looks like.

```
.text, #text, p{  
    color:rgb(168, 128, 206)  
}
```

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(168, 128, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 128, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 46.078, 311.366 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(168, 128, 206) }
```

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

```
.border{ border-color:rgb(168, 128, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 128, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 128, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 128, 206);  
box-shadow:4px 4px 4px 4px rgb(168, 128,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 46.078, 311.366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 128, 206) }
```

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

```
.background{ background-color: rgb(168,  
128, 206) }
```

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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