

Converting Colors

CIELCh(60, 64.571, 315.282)

Have a look what the booklet for
CIELCh(60, 64.571, 315.282)
contains.

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Color

CIELCh(60, 64.460, 315.389)

Conversions

Conversions Part 1

Format	Color
Hex	B874E1
RGB	184, 116, 225
RGB Percent	72%, 45%, 88%
CMY	0.2784, 0.5450, 0.1176
CMYK	0.18, 0.48, 0.00, 0.12
HSL	277°, 65%, 67%
HSV	277°, 48%, 88%
XYZ	39.6107, 28.1233, 74.5860
YIQ	148.7580, 5.5390, 48.3150

Conversions

Conversions Part 2

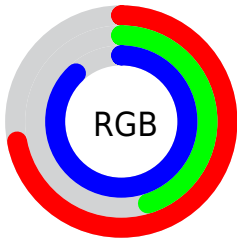
Format	Color
RYB	184, 116, 225
Decimal	12088545
CIELab	60.00, 45.89, -45.27
CIELCh	60, 64.460, 315.389
Yxy	28.1233, 0.2783, 0.1976
Android (android.graphics.Color)	4290278625 (0xFFB874E1)
YUV	148.7580, 37.5873, 30.9072
Hunter-Lab	53.0314, 40.5216, -46.2663

Details

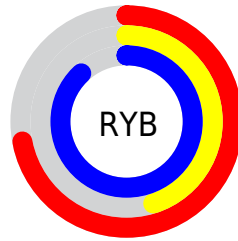
The CIELCh color $60, 64.460, 315.389$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $83, 61.394, 130.969$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 51.182, 321.735$, and $40, 64.251, 315.245$ is the 20% darker color. If you saturate the color by 10%, you get $55, 77.257, 315.737$, and if you desaturate by 10%, it is $66, 51.100, 314.967$.

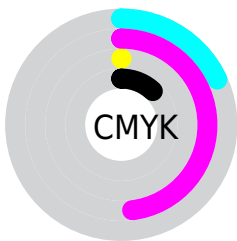
Distribution



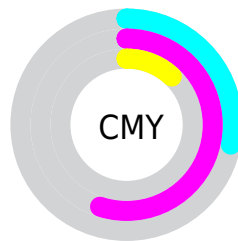
- Red (72%)
- Green (45%)
- Blue (88%)



- Red (72%)
- Yellow (45%)
- Blue (88%)



- Cyan (18%)
- Magenta (48%)
- Yellow (0%)
- Black (12%)





- Cyan (28%)
- Magenta (55%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 64.460, 315.389 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, 64.460, 315.389 by changing the saturation by 10% instead.

 60, 64.460,
315.389


 60, 64.460,
315.389


 100, 64.460,
315.389


 50, 64.460,
315.389


 80, 64.460,
315.389

 40, 64.460,
315.389

 90, 64.460,
315.389


 30, 64.460,
315.389

 20, 64.460,
315.389

 10, 64.460,
315.389

 0, 64.460, 315.389

 60, 64.460,

 60, 64.460,

315.389

55, 77.257,
315.737

50, 88.927,
315.953

46, 98.733,
315.959

42, 105.913,
315.670

40, 110.137,
315.044

40, 110.690,
314.939

315.389

66, 51.100,
314.967

72, 37.574,
314.514

78, 24.131,
314.057


84, 10.919,
313.610

91, 1.979, 133.300

97, 14.522,
132.845

98, 15.811,
124.603

99, 15.230,
113.519

 99, 15.169,
109.031

Harmonies

Complementary

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



60, 64.460, 315.389



83, 61.394, 130.969

Rectangle

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



60, 64.460, 315.389



60, 64.460, 5.389



60, 64.460, 135.389



60, 64.460, 185.389

Sweetspot

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



60, 64.458, 315.389



90, 21.644, 313.907



65, 38.650, 275.944



46, 14.802, 314.003



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, 64.458, 315.389



62, 84.866, 315.736



64, 63.156, 330.666



44, 7.338, 313.655



30, 91.990, 315.113



4, 34.348, 314.977

Inverse Universe

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



62, 46.887, 356.944



65, 61.354, 358.982



81, 63.471, 143.650



44, 5.315, 351.725



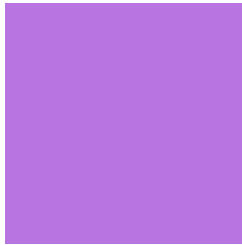
37, 64.499, 13.766



6, 25.579, 3.265

Previews

White Background



This preview shows how the CIELCh color 60, 64.460, 315.389 looks on a white background.

Color Contrast Check

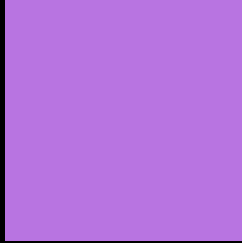
Large Text (above 18pt) WCAG AA ✓ Pass

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, 64.460, 315.389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

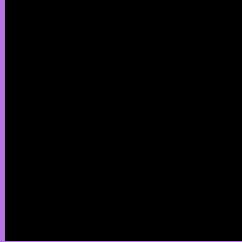
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 64.460, 315.389

Background



This preview shows how black text looks on a background with the CIELCh color 60, 64.460, 315.389.



This preview shows how white text looks on a background with the CIELCh color 60, 64.460, 315.389.

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, 15.349, 359.642

Trichromacy



Original Color
60, 64.460, 315.389

Protanomaly
59, 60.958, 295.814

Deuteranomaly
59, 49.243, 296.128

Tritanomaly
60, 31.364, 327.070

Monochromacy



Original Color
60, 64.460, 315.389

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 24.431, 314.267

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 64.460, 315.389 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(184, 116, 225)` looks like.

```
.text, #text, p{  
    color:rgb(184, 116, 225)  
}
```

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(184, 116, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 116, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 64.460, 315.389 is called "border". The border property can be set on classes, ids or directly on the HTML element.

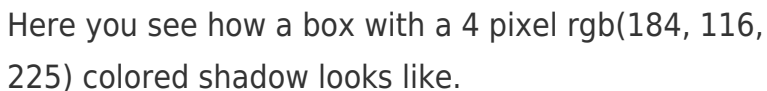
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(184, 116, 225) }
```

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

```
.border{ border-color:rgb(184, 116, 225) }
```

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



Here you see how a box with a 4 pixel `rgb(184, 116, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 116, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 116, 225);  
box-shadow:4px 4px 4px 4px rgb(184, 116,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 64.460, 315.389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 116, 225) }
```

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

```
.background{ background-color: rgb(184,  
116, 225) }
```

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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