

Converting Colors

CIELCh(60, 60.816, 315.556)

Have a look what the booklet for
CIELCh(60, 60.816, 315.556)
contains.

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Color

CIELCh(60, 60.696, 315.723)

Conversions

Conversions Part 1

Format	Color
Hex	B776DC
RGB	183, 118, 220
RGB Percent	72%, 46%, 86%
CMY	0.2830, 0.5379, 0.1379
CMYK	0.17, 0.46, 0.00, 0.14
HSL	278°, 59%, 66%
HSV	278°, 46%, 86%
XYZ	38.8419, 28.1233, 70.9705
YIQ	149.0630, 5.9980, 45.5020

Conversions

Conversions Part 2

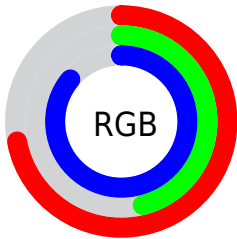
Format	Color
R _{YB}	183, 118, 220
Decimal	12023516
CIE _{Lab}	60.00, 43.46, -42.37
CIE _{LCh}	60, 60.696, 315.723
Yxy	28.1233, 0.2816, 0.2039
Android (android.graphics.Color)	4290213596 (0xFFB776DC)
YUV	149.0630, 34.9719, 29.7627
Hunter-Lab	53.0314, 37.9341, -42.2242

Details

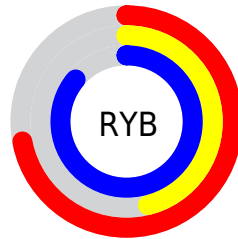
The CIELCh color $60, 60.696, 315.723$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $81, 58.062, 131.488$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $79, 49.805, 321.222$, and $40, 60.503, 315.873$ is the 20% darker color. If you saturate the color by 10%, you get $55, 73.378, 316.081$, and if you desaturate by 10%, it is $66, 47.531, 315.300$.

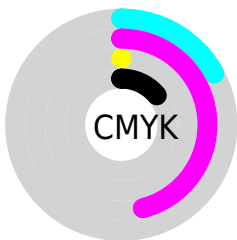
Distribution



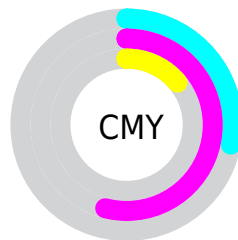
- Red (72%)
- Green (46%)
- Blue (86%)



- Red (72%)
- Yellow (46%)
- Blue (86%)



- Cyan (17%)
- Magenta (46%)
- Yellow (0%)
- Black (14%)





- Cyan (28%)
- Magenta (54%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 60.696, 315.723 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, 60.696, 315.723 by changing the saturation by 10% instead.


 60, 60.696,
315.723


 60, 60.696,
315.723


 100, 60.696,
315.723


 50, 60.696,
315.723


 80, 60.696,
315.723

 40, 60.696,
315.723

 90, 60.696,
315.723


 30, 60.696,
315.723

 20, 60.696,
315.723

 10, 60.696,
315.723

 0, 60.696, 315.723

 60, 60.696,

 60, 60.696,

315.723

55, 73.378,
316.081

50, 85.059,
316.320

46, 95.051,
316.368

42, 102.609,
316.145

40, 107.211,
315.583

39, 108.452,
315.340

315.723

66, 47.531,
315.300

72, 34.245,
314.851

78, 21.064,
314.400


84, 8.122, 313.955

90, 4.507, 133.610

96, 16.787,
133.208

98, 18.837,
127.190

99, 18.085,
118.567

 99, 17.789,
109.301

Harmonies

Complementary

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



60, 60.696, 315.723



81, 58.062, 131.488

Rectangle

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



60, 60.696, 315.723



60, 60.696, 5.723



60, 60.696, 135.723



60, 60.696, 185.723

Sweetspot

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



60, 60.694, 315.723



90, 20.241, 314.298



64, 37.107, 276.779



47, 14.007, 314.395



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, 60.694, 315.723



63, 82.185, 316.083



64, 58.936, 331.123



43, 7.223, 314.091



30, 90.748, 315.508



4, 32.324, 314.892

Inverse Universe

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



62, 43.898, 357.492



66, 59.220, 359.500



80, 59.128, 144.391



43, 5.175, 352.581



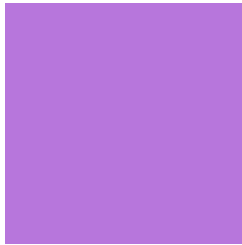
37, 64.021, 14.976



6, 24.112, 3.459

Previews

White Background



This preview shows how the CIELCh color 60, 60.696, 315.723 looks on a white background.

Color Contrast Check

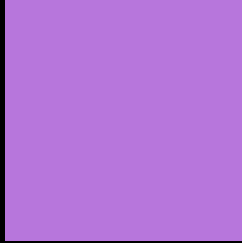
Large Text (above 18pt) WCAG AA ✓ Pass

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, 60.696, 315.723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

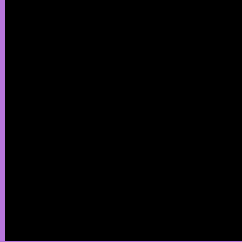
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 60.696, 315.723

Background



This preview shows how black text looks on a background with the CIELCh color 60, 60.696, 315.723.

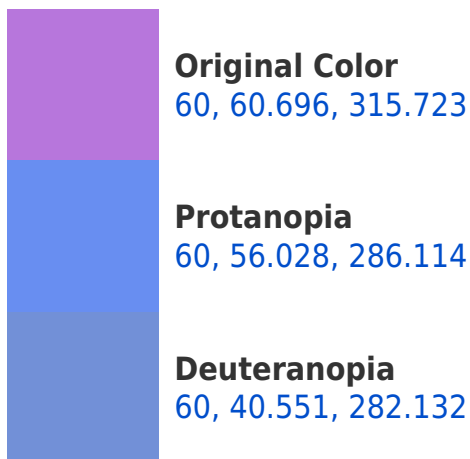


This preview shows how white text looks on a background with the CIELCh color 60, 60.696, 315.723.

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, 60.696, 315.723



Protanomaly
60, 56.483, 296.135



Deuteranomaly
59, 47.040, 297.051



Tritanomaly
60, 29.618, 327.708

Monochromacy



Original Color
60, 60.696, 315.723



Achromatopsia
62, 0.008, 296.813



Achromatomaly
61, 22.597, 314.091

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 60.696, 315.723 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(183, 118, 220)` looks like.

```
.text, #text, p{  
    color:rgb(183, 118, 220)  
}
```

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(183, 118, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 118, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 60.696, 315.723 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(183, 118, 220) }
```

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

```
.border{ border-color:rgb(183, 118, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 118, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 118, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 118, 220);  
box-shadow:4px 4px 4px 4px rgb(183, 118,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 60.696, 315.723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 118, 220) }
```

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

```
.background{ background-color: rgb(183,  
118, 220) }
```

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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