

Converting Colors

CIELCh(62, 52.524, 317.053)

Have a look what the booklet for
CIELCh(62, 52.524, 317.053)
contains.

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Color

CIELCh(62, 52.360, 316.778)

Conversions

Conversions Part 1

Format	Color
Hex	BA7FD6
RGB	186, 127, 214
RGB Percent	73%, 50%, 84%
CMY	0.2712, 0.5026, 0.1614
CMYK	0.13, 0.41, 0.00, 0.16
HSL	281°, 51%, 67%
HSV	281°, 41%, 84%
XYZ	39.8936, 30.4025, 67.2701
YIQ	154.5590, 7.2370, 39.5650

Conversions

Conversions Part 2

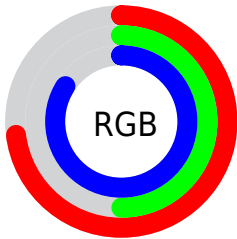
Format	Color
RYB	186, 127, 214
Decimal	12222422
CIELab	62.00, 38.16, -35.86
CIELCh	62, 52.360, 316.778
Yxy	30.4025, 0.2900, 0.2210
Android (android.graphics.Color)	4290412502 (0xFFBA7FD6)
YUV	154.5590, 29.3044, 27.5738
Hunter-Lab	55.1385, 32.6553, -33.7381

Details

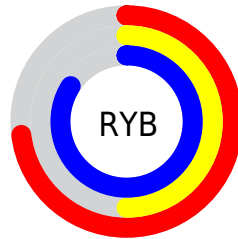
The CIELCh color **62, 52.360, 316.778** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **80, 50.654, 133.047**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 44.472, 321.263**, and **42, 52.527, 316.691** is the 20% darker color. If you saturate the color by 10%, you get **57, 65.037, 317.157**, and if you desaturate by 10%, it is **68, 39.362, 316.352**.

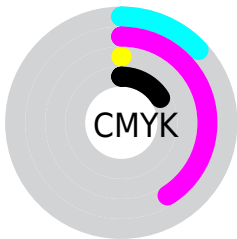
Distribution



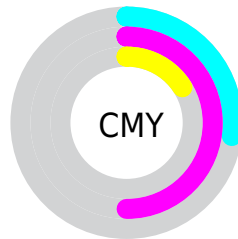
- Red (73%)
- Green (50%)
- Blue (84%)



- Red (73%)
- Yellow (50%)
- Blue (84%)



- Cyan (13%)
- Magenta (41%)
- Yellow (0%)
- Black (16%)





- Cyan (27%)
- Magenta (50%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 52.360, 316.778 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 62, 52.360, 316.778 by changing the saturation by 10% instead.

 62, 52.360,
316.778


 62, 52.360,
316.778


 100, 52.360,
316.778


 52, 52.360,
316.778


 82, 52.360,
316.778

 42, 52.360,
316.778

 92, 52.360,
316.778

 32, 52.360,
316.778

 22, 52.360,
316.778

 12, 52.360,
316.778

 2, 52.360, 316.778

 0, 52.360, 316.778

62, 52.360,
316.778

62, 52.360,
316.778

57, 65.037,
317.157

68, 39.362,
316.352

52, 76.968,
317.448

73, 26.337,
315.910

47, 87.569,
317.592

79, 13.466,
315.469

44, 96.151,
317.521

85, 0.855, 314.852

41, 102.086,
317.165

91, 11.438,
134.691

39, 105.344,
316.587

97, 23.299,
134.289

98, 22.285,
128.685

98, 21.507,
122.519

■ 99, 21.004,
115.886

Harmonies

Complementary

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



62, 52.360, 316.778



80, 50.654, 133.047

Rectangle

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



62, 52.360, 316.778



62, 52.360, 6.778



62, 52.360, 136.778



62, 52.360, 186.778

Sweetspot

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



62, 52.358, 316.778



92, 17.483, 315.532



64, 33.108, 278.010



48, 11.612, 315.590



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



62, 52.358, 316.778



68, 72.593, 317.116



65, 49.850, 331.949



42, 7.157, 315.413



31, 89.037, 316.739



4, 30.453, 315.835

Inverse Universe

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



63, 37.091, 359.368



70, 51.578, 0.984



79, 49.813, 146.070



42, 4.963, 355.293



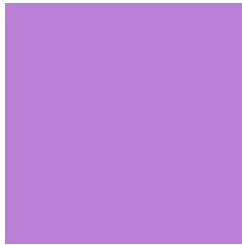
36, 64.214, 18.751



5, 22.353, 5.096

Previews

White Background



This preview shows how the CIELCh color 62, 52.360, 316.778 looks on a white background.

Color Contrast Check

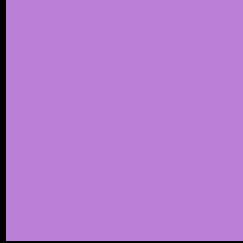
Large Text (above 18pt) WCAG AA × Fail

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 62, 52.360, 316.778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

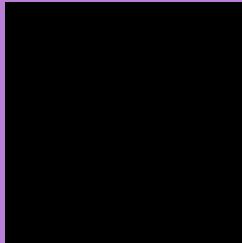
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 52.360, 316.778

Background



This preview shows how black text looks on a background with the CIELCh color 62, 52.360, 316.778.

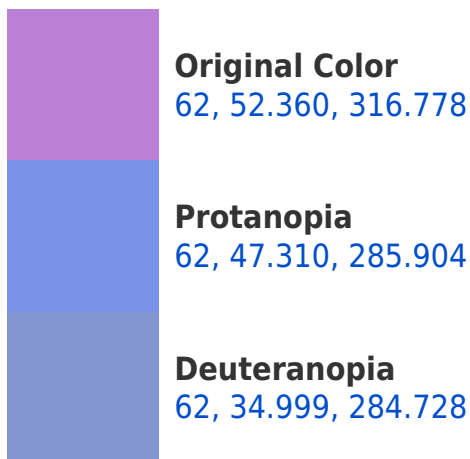


This preview shows how white text looks on a background with the CIELCh color 62, 52.360, 316.778.

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
62, 15.432, 357.619

Trichromacy



Original Color
62, 52.360, 316.778



Protanomaly
62, 47.800, 296.592



Deuteranomaly
62, 40.157, 298.939



Tritanomaly
62, 27.512, 329.779

Monochromacy



Original Color
62, 52.360, 316.778



Achromatopsia
64, 0.008, 296.813



Achromatomaly
63, 19.759, 316.089

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 52.360, 316.778 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(186, 127, 214)` looks like.

```
.text, #text, p{  
    color:rgb(186, 127, 214)  
}
```

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(186, 127, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 127, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 52.360, 316.778 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(186, 127, 214) }
```

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

```
.border{ border-color:rgb(186, 127, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 127, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 127, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 127, 214);  
box-shadow:4px 4px 4px 4px rgb(186, 127,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 52.360, 316.778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 127, 214) }
```

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

```
.background{ background-color: rgb(186,  
127, 214) }
```

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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