

Converting Colors

CIELCh(62, 51.339, 315.164)

Have a look what the booklet for
CIELCh(62, 51.339, 315.164)
contains.

CIELCh(62, 51.348, 315.167)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(62, 51.348, 315.167)

Conversions

Conversions Part 1

Format	Color
Hex	B680D6
RGB	182, 128, 214
RGB Percent	71%, 50%, 84%
CMY	0.2847, 0.4966, 0.1592
CMYK	0.15, 0.40, 0.00, 0.16
HSL	278°, 51%, 67%
HSV	278°, 40%, 84%
XYZ	39.3397, 30.4025, 67.6797
YIQ	153.9500, 4.5780, 38.1940

Conversions

Conversions Part 2

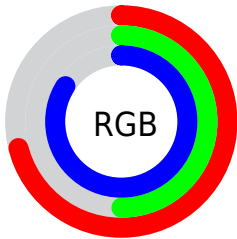
Format	Color
R _Y B	182, 128, 214
Decimal	11960534
CIE Lab	62.00, 36.41, -36.20
CIE LCh	62, 51.348, 315.167
Yxy	30.4025, 0.2863, 0.2212
Android (android.graphics.Color)	4290150614 (0xFFB680D6)
YUV	153.9500, 29.6047, 24.5999
Hunter-Lab	55.1385, 30.8620, -34.1785

Details

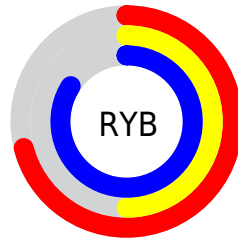
The CIELCh color `62, 51.348, 315.167` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `80, 49.353, 131.514`, and the grayscale version is `64, 0.008, 296.813`.

A 20% lighter version of the original color is `81, 43.284, 319.500`, and `42, 51.627, 315.024` is the 20% darker color. If you saturate the color by 10%, you get `57, 64.132, 315.577`, and if you desaturate by 10%, it is `68, 38.345, 314.720`.

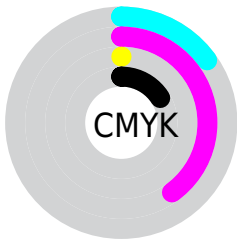
Distribution



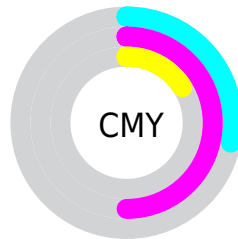
- Red (71%)
- Green (50%)
- Blue (84%)



- Red (71%)
- Yellow (50%)
- Blue (84%)



- Cyan (15%)
- Magenta (40%)
- Yellow (0%)
- Black (16%)





- Cyan (28%)
- Magenta (50%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 51.348, 315.167 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, 51.348, 315.167 by changing the saturation by 10% instead.


 62, 51.348,
315.167


 62, 51.348,
315.167


 100, 51.348,
315.167


 52, 51.348,
315.167


 82, 51.348,
315.167

 42, 51.348,
315.167

 92, 51.348,
315.167

 32, 51.348,
315.167

 22, 51.348,
315.167

 12, 51.348,
315.167

 2, 51.348, 315.167

 0, 51.348, 315.167

62, 51.348,
315.167

62, 51.348,
315.167

57, 64.132,
315.577

68, 38.345,
314.720

51, 76.299,
315.905

74, 25.388,
314.265

47, 87.278,
316.090

80, 12.631,
313.818

43, 96.352,
316.055

86, 0.164, 312.393

40, 102.813,
315.718


92, 11.970,
133.045

38, 106.624,
315.088

97, 22.548,
132.111

98, 21.504,
125.194

98, 20.811,
117.572

 99, 20.524,
109.472

Harmonies

Complementary

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



62, 51.348, 315.167



80, 49.353, 131.514

Rectangle

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



62, 51.348, 315.167



62, 51.348, 5.167



62, 51.348, 135.167



62, 51.348, 185.167

Sweetspot

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



62, 51.346, 315.167



92, 17.272, 313.907



66, 30.664, 273.839



48, 11.474, 313.965



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, 51.346, 315.167



68, 70.727, 315.513



65, 51.014, 330.164



42, 7.069, 313.787



30, 89.919, 315.254



4, 30.007, 313.745

Inverse Universe

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



64, 37.354, 355.795



70, 51.350, 357.211



79, 51.061, 144.598



42, 5.103, 351.982



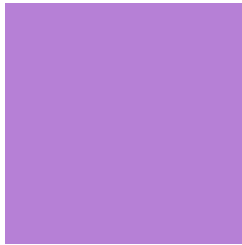
36, 63.153, 14.027



5, 22.574, 2.316

Previews

White Background



This preview shows how the CIELCh color 62, 51.348, 315.167 looks on a white background.

Color Contrast Check

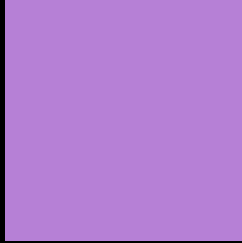
Large Text (above 18pt) WCAG AA × Fail

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, 51.348, 315.167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

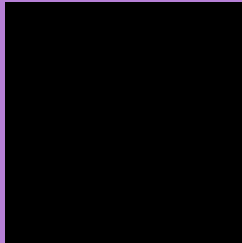
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 51.348, 315.167

Background



This preview shows how black text looks on a background with the CIELCh color 62, 51.348, 315.167.



This preview shows how white text looks on a background with the CIELCh color 62, 51.348, 315.167.

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
62, 51.348, 315.167

Protanopia
62, 46.737, 286.025

Deuteranopia
62, 35.037, 284.253



Tritanopia
62, 13.596, 353.983

Trichromacy



Original Color
62, 51.348, 315.167



Protanomaly
62, 47.243, 296.202



Deuteranomaly
62, 40.049, 297.558



Tritanomaly
62, 25.773, 326.333

Monochromacy



Original Color
62, 51.348, 315.167



Achromatopsia
64, 0.008, 296.813



Achromatomaly
63, 18.806, 313.648

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 51.348, 315.167 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(182, 128, 214)` looks like.

```
.text, #text, p{  
    color:rgb(182, 128, 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(182, 128, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 128, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 51.348, 315.167 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(182, 128, 214) }
```

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

```
.border{ border-color:rgb(182, 128, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 128, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 128, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 128, 214);  
box-shadow:4px 4px 4px 4px rgb(182, 128,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 51.348, 315.167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 128, 214) }
```

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

```
.background{ background-color: rgb(182,  
128, 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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