

Converting Colors

CIELCh(62, 31.162, 312.915)

Have a look what the booklet for
CIELCh(62, 31.162, 312.915)
contains.

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Color

CIELCh(62, 31.196, 312.921)

Conversions

Conversions Part 1

Format	Color
Hex	A88ABE
RGB	168, 138, 190
RGB Percent	66%, 54%, 75%
CMY	0.3395, 0.4572, 0.2532
CMYK	0.12, 0.27, 0.00, 0.25
HSL	275°, 29%, 64%
HSV	275°, 27%, 75%
XYZ	34.7279, 30.4025, 53.0009
YIQ	152.8980, 1.1880, 22.5320

Conversions

Conversions Part 2

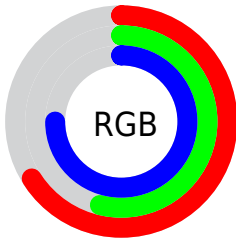
Format	Color
R_{YB}	168, 138, 190
Decimal	11045566
CIE _{Lab}	62.00, 21.24, -22.84
CIE _{LCh}	62, 31.196, 312.921
Yxy	30.4025, 0.2940, 0.2574
Android (android.graphics.Color)	4289235646 (0xFFA88ABE)
YUV	152.8980, 18.2913, 13.2445
Hunter-Lab	55.1385, 15.9322, -18.3945

Details

The CIELCh color $62, 31.196, 312.921$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $74, 30.247, 130.488$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 30.795, 313.198$, and $42, 30.740, 312.787$ is the 20% darker color. If you saturate the color by 10%, you get $57, 42.968, 313.397$, and if you desaturate by 10%, it is $67, 19.558, 312.452$.

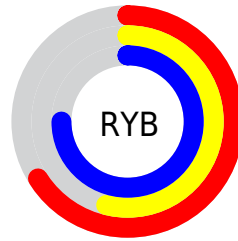
Distribution



Red (66%)

Green (54%)

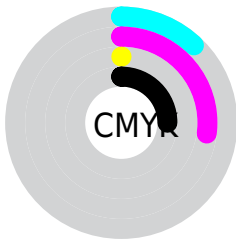
Blue (75%)



Red (66%)

Yellow (54%)

Blue (75%)

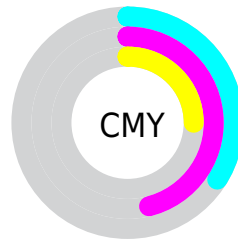


Cyan (12%)

Magenta (27%)

Yellow (0%)

Black (25%)



Cyan (34%)


Magenta (46%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 31.196, 312.921 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, 31.196, 312.921 by changing the saturation by 10% instead.


 62, 31.196,
312.921


 62, 31.196,
312.921


 100, 31.196,
312.921


 52, 31.196,
312.921


 82, 31.196,
312.921

 42, 31.196,
312.921

 92, 31.196,
312.921

 32, 31.196,
312.921

 22, 31.196,
312.921

 12, 31.196,
312.921

 2, 31.196, 312.921

 0, 31.196, 312.921

62, 31.196,
312.921

62, 31.196,
312.921

57, 42.968,
313.397

67, 19.558,
312.452

51, 54.699,
313.855

73, 8.163, 312.000

79, 2.939, 131.653

46, 66.093,
314.258

84, 13.723,
131.242

42, 76.700,
314.546

90, 24.184,
130.900

38, 85.904,
314.643

95, 34.328,
130.597

35, 92.994,
314.455


97, 34.564,
126.718

32, 97.516,
313.920

97, 33.649,
122.006

32, 98.563,

313.766

 98, 32.982,
116.986

Harmonies

Complementary

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



62, 31.196, 312.921



74, 30.247, 130.488

Rectangle

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



62, 31.196, 312.921



62, 31.196, 2.921



62, 31.196, 132.921



62, 31.196, 182.921

Sweetspot

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



62, 31.194, 312.921



92, 11.047, 312.036



65, 17.803, 266.502



48, 7.930, 312.104



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



62, 31.194, 312.921



75, 46.860, 313.217



64, 32.932, 327.818



37, 6.291, 312.091



26, 85.777, 313.921



2, 18.339, 307.739

Inverse Universe

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



63, 23.509, 350.705



77, 35.257, 351.472



72, 32.909, 144.398



37, 4.738, 348.795



33, 59.110, 8.773



3, 13.423, 356.053

Previews

White Background



This preview shows how the CIELCh color 62, 31.196, 312.921 looks on a white background.

Color Contrast Check

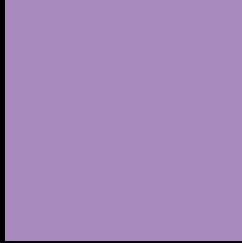
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 62, 31.196, 312.921 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

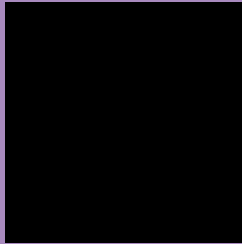
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 31.196, 312.921

Background



This preview shows how black text looks on a background with the CIELCh color 62, 31.196, 312.921.



This preview shows how white text looks on a background with the CIELCh color 62, 31.196, 312.921.

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, 31.196, 312.921

Protanopia

62, 28.171, 285.860

Deuteranopia

62, 23.589, 290.241



Tritanopia
62, 9.313, 338.898

Trichromacy



Original Color
62, 31.196, 312.921

Protanomaly
62, 28.146, 295.235

Deuteranomaly
62, 26.120, 299.753

Tritanomaly
62, 16.817, 320.859

Monochromacy



Original Color
62, 31.196, 312.921

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 11.466, 312.242

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 31.196, 312.921 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, 138, 190)` looks like.

```
.text, #text, p{  
    color:rgb(168, 138, 190)  
}
```

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, 138, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 138, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 31.196, 312.921 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, 138, 190) }
```

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

```
.border{ border-color:rgb(168, 138, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 138, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 138, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 138, 190);  
box-shadow:4px 4px 4px 4px rgb(168, 138,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 31.196, 312.921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 138, 190) }
```

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

```
.background{ background-color: rgb(168,  
138, 190) }
```

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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