

Converting Colors

CIELCh(62, 44.210, 316.283)

Have a look what the booklet for
CIELCh(62, 44.210, 316.283)
contains.

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Color

CIELCh(62, 44.233, 316.350)

Conversions

Conversions Part 1

Format	Color
Hex	B483CC
RGB	180, 131, 204
RGB Percent	71%, 51%, 80%
CMY	0.2931, 0.4853, 0.1990
CMYK	0.12, 0.36, 0.00, 0.20
HSL	280°, 42%, 66%
HSV	280°, 36%, 80%
XYZ	37.9598, 30.4025, 61.1558
YIQ	153.9730, 5.7710, 33.0910

Conversions

Conversions Part 2

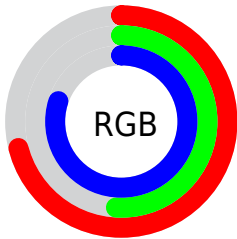
Format	Color
R_{YB}	180, 131, 204
Decimal	11830220
CIE _{Lab}	62.00, 32.01, -30.53
CIE _{LCh}	62, 44.233, 316.350
Yxy	30.4025, 0.2931, 0.2347
Android (android.graphics.Color)	4290020300 (0xFFB483CC)
YUV	153.9730, 24.6633, 22.8257
Hunter-Lab	55.1385, 26.3951, -27.1634

Details

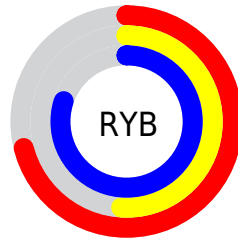
The CIELCh color $62, 44.233, 316.350$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $77, 42.929, 133.110$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 41.131, 318.268$, and $42, 44.179, 316.128$ is the 20% darker color. If you saturate the color by 10%, you get $57, 56.645, 316.759$, and if you desaturate by 10%, it is $67, 31.677, 315.913$.

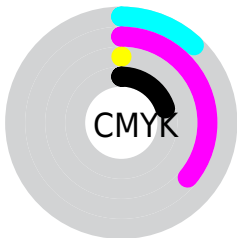
Distribution



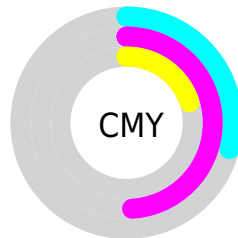
- Red (71%)
- Green (51%)
- Blue (80%)



- Red (71%)
- Yellow (51%)
- Blue (80%)



- Cyan (12%)
- Magenta (36%)
- Yellow (0%)
- Black (20%)





- Cyan (29%)
- Magenta (49%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 44.233, 316.350 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, 44.233, 316.350 by changing the saturation by 10% instead.


 62, 44.233,
316.350


 62, 44.233,
316.350


 100, 44.233,
316.350


 52, 44.233,
316.350


 82, 44.233,
316.350

 42, 44.233,
316.350

 92, 44.233,
316.350

 32, 44.233,
316.350

 22, 44.233,
316.350

 12, 44.233,
316.350

 2, 44.233, 316.350

 0, 44.233, 316.350

62, 44.233,
316.350

62, 44.233,
316.350

57, 56.645,
316.759

67, 31.677,
315.913

52, 68.581,
317.103

73, 19.200,
315.470

47, 79.556,
317.332

79, 6.933, 315.028

43, 88.950,
317.383

85, 5.049, 134.685

40, 96.094,
317.183

90, 16.709,
134.287


38, 100.513,
316.671

96, 28.032,
133.941

37, 101.906,
316.405

97, 27.725,
129.794

97, 26.870,
125.037

 98, 26.218,
119.934

Harmonies

Complementary

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



62, 44.233, 316.350



77, 42.929, 133.110

Rectangle

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



62, 44.233, 316.350



62, 44.233, 6.350



62, 44.233, 136.350



62, 44.233, 186.350

Sweetspot

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



62, 44.231, 316.350



92, 15.981, 315.268



64, 27.912, 276.904



48, 10.754, 315.328



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, 44.231, 316.350



71, 63.774, 316.673



64, 42.423, 331.618



40, 6.863, 315.191



30, 87.168, 316.553



3, 25.668, 313.638

Inverse Universe

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



63, 31.377, 358.085



73, 45.373, 359.354



76, 42.333, 146.601



40, 4.785, 354.825



35, 62.585, 17.971



4, 18.681, 3.435

Previews

White Background



This preview shows how the CIELCh color 62, 44.233, 316.350 looks on a white background.

Color Contrast Check

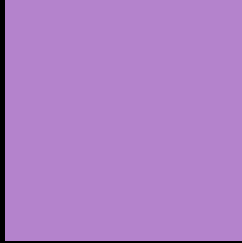
Large Text (above 18pt) WCAG AA × Fail

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, 44.233, 316.350 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, 44.233, 316.350

Background



This preview shows how black text looks on a background with the CIELCh color 62, 44.233, 316.350.



This preview shows how white text looks on a background with the CIELCh color 62, 44.233, 316.350.

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, 44.233, 316.350

Protanopia
62, 38.887, 285.370

Deuteranopia
62, 29.856, 285.904



Tritanopia
62, 13.244, 353.154

Trichromacy



Original Color
62, 44.233, 316.350



Protanomaly
62, 39.418, 296.622



Deuteranomaly
62, 33.986, 299.328



Tritanomaly
62, 23.569, 327.892

Monochromacy



Original Color
62, 44.233, 316.350



Achromatopsia
64, 0.008, 296.813



Achromatomaly
63, 16.094, 316.108

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 44.233, 316.350 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(180, 131, 204)` looks like.

```
.text, #text, p{  
    color:rgb(180, 131, 204)  
}
```

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(180, 131, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 131, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 44.233, 316.350 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(180, 131, 204) }
```

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

```
.border{ border-color:rgb(180, 131, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 131, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 131, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 131, 204);  
box-shadow:4px 4px 4px 4px rgb(180, 131,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 44.233, 316.350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 131, 204) }
```

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

```
.background{ background-color: rgb(180,  
131, 204) }
```

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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