

Converting Colors

CIELCh(62, 64.174, 318.854)

Have a look what the booklet for
CIELCh(62, 64.174, 318.854)
contains.

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Color

CIELCh(62, 64.232, 318.931)

Conversions

Conversions Part 1

Format	Color
Hex	C576E1
RGB	197, 118, 225
RGB Percent	77%, 46%, 88%
CMY	0.2261, 0.5360, 0.1163
CMYK	0.12, 0.47, 0.00, 0.12
HSL	284°, 64%, 67%
HSV	284°, 47%, 88%
XYZ	43.2680, 30.4025, 75.0655
YIQ	153.8190, 12.7370, 50.0250

Conversions

Conversions Part 2

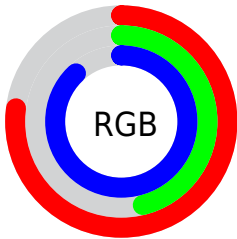
Format	Color
R _{YB}	197, 118, 225
Decimal	12941025
CIE _{Lab}	62.00, 48.43, -42.20
CIE _{LCh}	62, 64.232, 318.931
Y _{xy}	30.4025, 0.2909, 0.2044
Android (android.graphics.Color)	4291131105 (0xFFC576E1)
YUV	153.8190, 35.0922, 37.8697
Hunter-Lab	55.1385, 43.5792, -42.1204

Details

The CIELCh color $62, 64.232, 318.931$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $83, 62.434, 134.406$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 51.883, 326.215$, and $42, 64.118, 318.973$ is the 20% darker color. If you saturate the color by 10%, you get $57, 76.817, 319.236$, and if you desaturate by 10%, it is $67, 50.889, 318.548$.

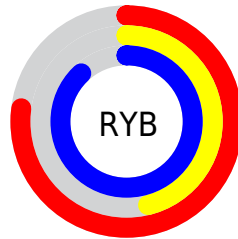
Distribution



Red (77%)

Green (46%)

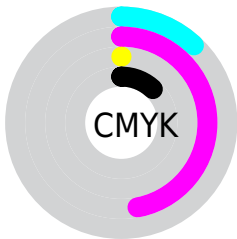
Blue (88%)



Red (77%)

Yellow (46%)

Blue (88%)

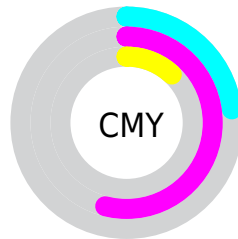


Cyan (12%)

Magenta (47%)

Yellow (0%)

Black (12%)



Cyan (23%)


Magenta (54%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 64.232, 318.931 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, 64.232, 318.931 by changing the saturation by 10% instead.


 62, 64.232,
318.931


 62, 64.232,
318.931


 100, 64.232,
318.931


 52, 64.232,
318.931


 82, 64.232,
318.931

 42, 64.232,
318.931

 92, 64.232,
318.931

 32, 64.232,
318.931

 22, 64.232,
318.931

 12, 64.232,
318.931

 2, 64.232, 318.931

 0, 64.232, 318.931

62, 64.232,
318.931

62, 64.232,
318.931

57, 76.817,
319.236

67, 50.889,
318.548

53, 88.074,
319.414

73, 37.223,
318.122

49, 97.327,
319.410

79, 23.525,
317.680

46, 103.945,
319.164

85, 9.983, 317.232

44, 107.669,
318.642


91, 3.288, 136.898

44, 108.383,
318.494

97, 16.226,
136.451

98, 16.214,
130.389

99, 15.531,
123.198

 99, 15.118,
115.394

Harmonies

Complementary

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



62, 64.232, 318.931



83, 62.434, 134.406

Rectangle

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



62, 64.232, 318.931



62, 64.232, 8.931



62, 64.232, 138.931



62, 64.232, 188.931

Sweetspot

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



62, 64.230, 318.931



91, 20.752, 317.528



62, 44.389, 284.301



47, 14.354, 317.625



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, 64.230, 318.931



64, 84.207, 319.233



64, 57.423, 335.045



44, 7.554, 317.321



34, 90.022, 318.635



5, 35.080, 319.186

Inverse Universe

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



63, 44.625, 5.054



65, 59.120, 7.331



82, 57.319, 147.456



44, 5.008, 359.516



37, 67.633, 24.267



6, 25.306, 9.672

Previews

White Background



This preview shows how the CIELCh color 62, 64.232, 318.931 looks on a white background.

Color Contrast Check

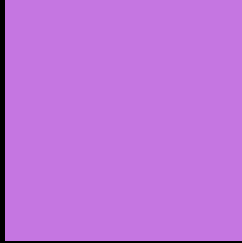
Large Text (above 18pt) WCAG AA × Fail

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, 64.232, 318.931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

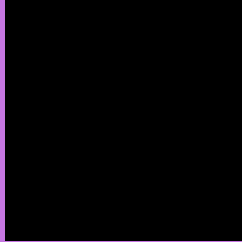
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 64.232, 318.931

Background



This preview shows how black text looks on a background with the CIELCh color 62, 64.232, 318.931.

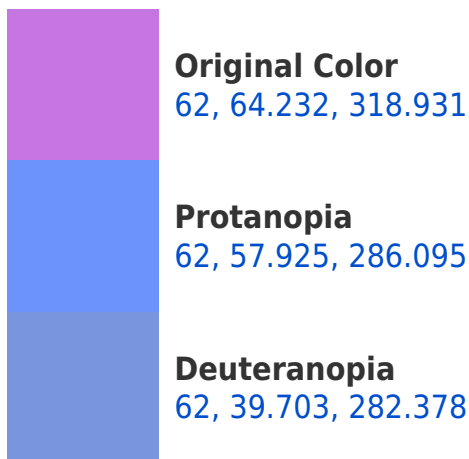


This preview shows how white text looks on a background with the CIELCh color 62, 64.232, 318.931.

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, 20.304, 5.741

Trichromacy



Original Color
62, 64.232, 318.931



Protanomaly
61, 58.405, 296.994



Deuteranomaly
61, 46.895, 299.178



Tritanomaly
62, 33.457, 334.479

Monochromacy



Original Color
62, 64.232, 318.931



Achromatopsia
64, 0.008, 296.813



Achromatomaly
62, 24.377, 318.014

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 64.232, 318.931 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(197, 118, 225)` looks like.

```
.text, #text, p{  
    color:rgb(197, 118, 225)  
}
```

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(197, 118, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 118, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 64.232, 318.931 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(197, 118, 225) }
```

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

```
.border{ border-color:rgb(197, 118, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 118, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 118, 225); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 118, 225); box-shadow:4px 4px 4px 4px rgb(197, 118, 225) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 64.232, 318.931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 118, 225) }
```

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

```
.background{ background-color: rgb(197,  
118, 225) }
```

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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