

Converting Colors

CIELCh(62, 68.828, 308.321)

Have a look what the booklet for
CIELCh(62, 68.828, 308.321)
contains.

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Color

CIELCh(62, 68.446, 308.257)

Conversions

Conversions Part 1

Format	Color
Hex	AD7EF6
RGB	173, 126, 246
RGB Percent	68%, 49%, 96%
CMY	0.3221, 0.5064, 0.0358
CMYK	0.30, 0.49, 0.00, 0.04
HSL	263°, 87%, 73%
HSV	263°, 49%, 96%
XYZ	41.2600, 30.4025, 90.7679
YIQ	153.7330, -10.5080, 47.2840

Conversions

Conversions Part 2

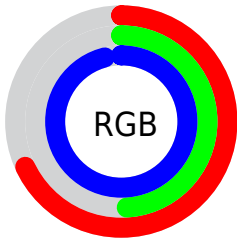
Format	Color
RYB	173, 126, 246
Decimal	11370230
CIELab	62.00, 42.38, -53.75
CIElCh	62, 68.446, 308.257
Yxy	30.4025, 0.2540, 0.1872
Android (android.graphics.Color)	4289560310 (0xFFAD7EF6)
YUV	153.7330, 45.4876, 16.8972
Hunter-Lab	55.1385, 37.0786, -59.0051

Details

The CIELCh color $62, 68.446, 308.257$ is a light color, and the websafe version is hex `9966CC`. A complement of this color would be $91, 62.369, 122.739$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 43.524, 316.369$, and $42, 68.693, 308.353$ is the 20% darker color. If you saturate the color by 10%, you get $55, 82.914, 308.956$, and if you desaturate by 10%, it is $69, 53.838, 307.542$.

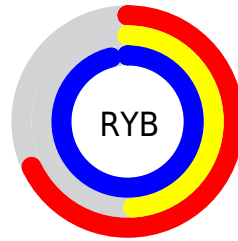
Distribution



Red (68%)

Green (49%)

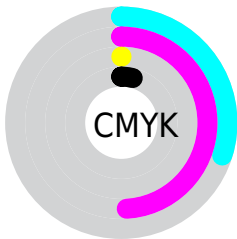
Blue (96%)



Red (68%)

Yellow (49%)

Blue (96%)

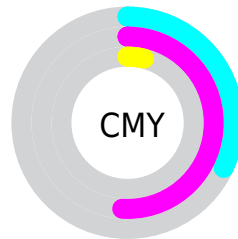


Cyan (30%)

Magenta (49%)

Yellow (0%)

Black (4%)



Cyan (32%)


Magenta (51%)


Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 68.446, 308.257 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, 68.446, 308.257 by changing the saturation by 10% instead.

 62, 68.446,
308.257


 62, 68.446,
308.257


 100, 68.446,
308.257

 52, 68.446,
308.257


 82, 68.446,
308.257

 42, 68.446,
308.257

 92, 68.446,
308.257

 32, 68.446,
308.257

 22, 68.446,
308.257

 12, 68.446,
308.257

 2, 68.446, 308.257

 0, 68.446, 308.257

62, 68.446,
308.257

62, 68.446,
308.257

55, 82.914,
308.956

69, 53.838,
307.542

49, 96.676,
309.563

76, 39.413,
306.855

44, 108.825,
309.962

83, 25.333,
306.219

40, 118.168,
310.002

90, 11.670,
305.641

37, 123.866,
309.586

98, 1.549, 125.200

36, 124.440,
309.532

100, 4.624,
109.816

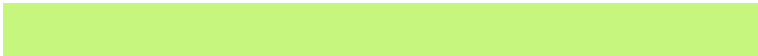
Harmonies

Complementary

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



62, 68.446, 308.257



91, 62.369, 122.739

Rectangle

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



62, 68.446, 308.257



62, 68.446, 358.257



62, 68.446, 128.257



62, 68.446, 178.257

Sweetspot

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



62, 68.445, 308.257



89, 20.692, 305.994



77, 31.701, 250.018



46, 14.165, 306.119



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, 68.445, 308.257



57, 85.696, 308.977



69, 72.304, 323.468



47, 7.517, 305.679



27, 100.775, 309.713



4, 41.165, 309.207

Inverse Universe

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



68, 57.013, 342.686



66, 69.151, 344.004



88, 71.760, 137.966



48, 6.651, 338.922



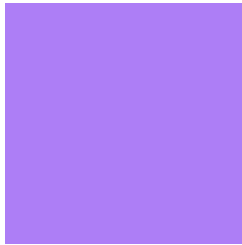
41, 69.242, 352.196



9, 31.623, 347.942

Previews

White Background



This preview shows how the CIELCh color 62, 68.446, 308.257 looks on a white background.

Color Contrast Check

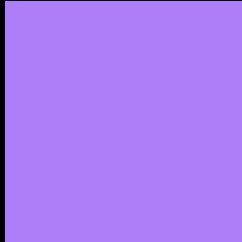
Large Text (above 18pt) WCAG AA × Fail

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, 68.446, 308.257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

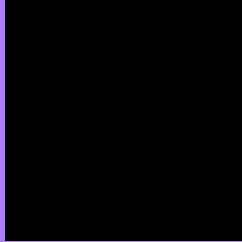
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 68.446, 308.257

Background



This preview shows how black text looks on a background with the CIELCh color 62, 68.446, 308.257.

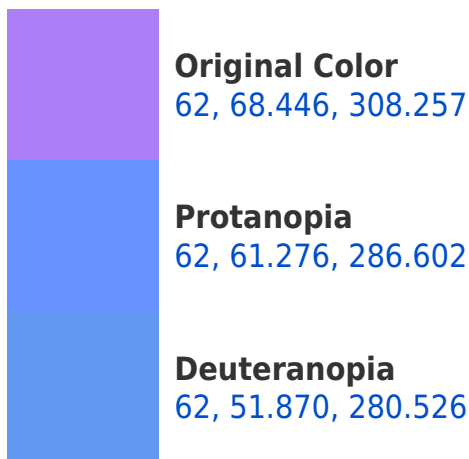


This preview shows how white text looks on a background with the CIELCh color 62, 68.446, 308.257.

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, 7.100, 319.631

Trichromacy



Original Color
62, 68.446, 308.257



Protanomaly
62, 63.261, 294.020



Deuteranomaly
62, 57.204, 291.774



Tritanomaly
62, 29.937, 308.705

Monochromacy



Original Color
62, 68.446, 308.257



Achromatopsia
64, 0.008, 296.813



Achromatomaly
63, 24.970, 306.583

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 68.446, 308.257 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(173, 126, 246)` looks like.

```
.text, #text, p{  
    color:rgb(173, 126, 246)  
}
```

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(173, 126, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 126, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 68.446, 308.257 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(173, 126, 246) }
```

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

```
.border{ border-color:rgb(173, 126, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 126, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 126, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 126, 246);  
box-shadow:4px 4px 4px 4px rgb(173, 126,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 68.446, 308.257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 126, 246) }
```

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

```
.background{ background-color: rgb(173,  
126, 246) }
```

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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