

Converting Colors

CIELCh(63, 30.288, 308.807)

Have a look what the booklet for
CIELCh(63, 30.288, 308.807)
contains.

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Color

CIELCh(63, 29.801, 308.676)

Conversions

Conversions Part 1

Format	Color
Hex	A68FC2
RGB	166, 143, 194
RGB Percent	65%, 56%, 76%
CMY	0.3495, 0.4397, 0.2398
CMYK	0.14, 0.26, 0.00, 0.24
HSL	267°, 29%, 66%
HSV	267°, 26%, 76%
XYZ	35.2226, 31.5869, 55.1983
YIQ	155.6910, -2.6630, 20.7370

Conversions

Conversions Part 2

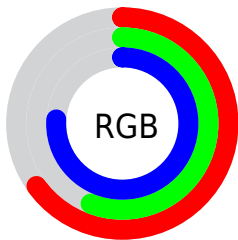
Format	Color
RYB	166, 143, 194
Decimal	10915778
CIELab	63.00, 18.62, -23.27
CIELCh	63, 29.801, 308.676
Yxy	31.5869, 0.2887, 0.2589
Android (android.graphics.Color)	4289105858 (0xFFA68FC2)
YUV	155.6910, 18.8863, 9.0410
Hunter-Lab	56.2022, 13.5140, -18.8894

Details

The CIELCh color $63, 29.801, 308.676$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $76, 28.624, 126.085$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 29.935, 308.834$, and $43, 29.312, 308.210$ is the 20% darker color. If you saturate the color by 10%, you get $57, 41.648, 309.264$, and if you desaturate by 10%, it is $69, 18.208, 308.124$.

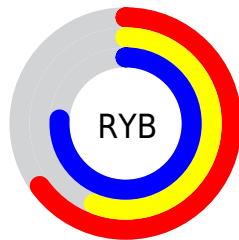
Distribution



Red (65%)

Green (56%)

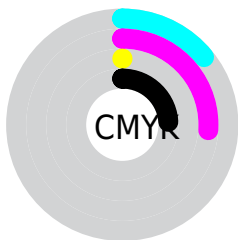
Blue (76%)



Red (65%)

Yellow (56%)

Blue (76%)

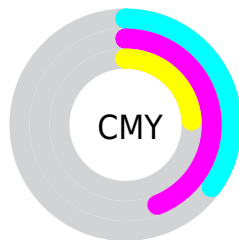


Cyan (14%)

Magenta (26%)

Yellow (0%)

Black (24%)



Cyan (35%)


Magenta (44%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 29.801, 308.676 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 63, 29.801, 308.676 by changing the saturation by 10% instead.


 63, 29.801,
308.676


 63, 29.801,
308.676


 100, 29.801,
308.676


 53, 29.801,
308.676


 83, 29.801,
308.676

 43, 29.801,
308.676

 93, 29.801,
308.676

 33, 29.801,
308.676

 23, 29.801,
308.676

 13, 29.801,
308.676

 3, 29.801, 308.676

 0, 29.801, 308.676

63, 29.801,
308.676

63, 29.801,
308.676

57, 41.648,
309.264

69, 18.208,
308.124

52, 53.630,
309.868

75, 6.937, 307.613

46, 65.510,
310.453

81, 3.991, 127.201

41, 76.888,
310.958

86, 14.572,
126.783

37, 87.137,
311.291

92, 24.813,
126.427

33, 95.419,
311.331

97, 32.338,
124.784


30, 100.949,
310.965

98, 31.339,
117.948

29, 102.638,

98, 30.839,
110.641

310.803

 99, 30.792,
107.836

Harmonies

Complementary

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



63, 29.801, 308.676



76, 28.624, 126.085

Rectangle

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



63, 29.801, 308.676



63, 29.801, 358.676



63, 29.801, 128.676



63, 29.801, 178.676

Sweetspot

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



63, 29.799, 308.676



93, 10.939, 307.704



69, 15.531, 253.605



49, 7.855, 307.781



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 29.799, 308.676



76, 45.288, 309.037



65, 33.203, 324.433



38, 6.266, 307.766



24, 89.152, 310.958



2, 20.059, 303.673

Inverse Universe

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



65, 24.754, 343.341



79, 37.362, 343.972



74, 33.113, 141.457



38, 5.264, 341.798



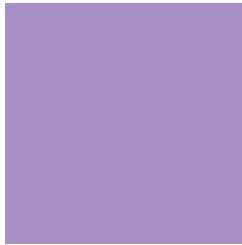
34, 60.775, 356.992



3, 16.298, 349.370

Previews

White Background



This preview shows how the CIELCh color 63, 29.801, 308.676 looks on a white background.

Color Contrast Check

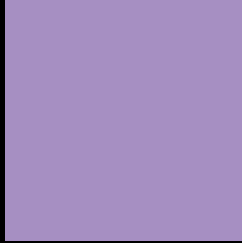
Large Text (above 18pt) WCAG AA × Fail

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 63, 29.801, 308.676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

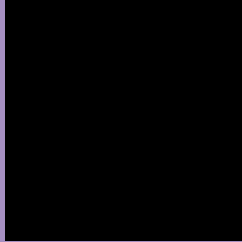
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 29.801, 308.676

Background



This preview shows how black text looks on a background with the CIELCh color 63, 29.801, 308.676.



This preview shows how white text looks on a background with the CIELCh color 63, 29.801, 308.676.

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

63, 29.801, 308.676

Protanopia

63, 27.557, 284.901

Deuteranopia

63, 24.061, 290.312



Tritanopia
63, 7.951, 322.516

Trichromacy



Original Color
63, 29.801, 308.676

Protanomaly
63, 28.021, 293.824

Deuteranomaly
63, 25.951, 298.206

Tritanomaly
63, 15.652, 312.340

Monochromacy



Original Color
63, 29.801, 308.676

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 11.178, 308.645

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 29.801, 308.676 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(166, 143, 194)` looks like.

```
.text, #text, p{  
    color:rgb(166, 143, 194)  
}
```

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(166, 143, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 143, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 29.801, 308.676 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(166, 143, 194) }
```

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

```
.border{ border-color:rgb(166, 143, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 143, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 143, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 143, 194);  
box-shadow:4px 4px 4px 4px rgb(166, 143,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 29.801, 308.676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 143, 194) }
```

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

```
.background{ background-color: rgb(166,  
143, 194) }
```

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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