

Converting Colors

CIELCh(62, 58.699, 306.112)

Have a look what the booklet for
CIELCh(62, 58.699, 306.112)
contains.

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Color

CIELCh(62, 58.811, 306.297)

Conversions

Conversions Part 1

Format	Color
Hex	A683EA
RGB	166, 131, 234
RGB Percent	65%, 51%, 92%
CMY	0.3479, 0.4852, 0.0812
CMYK	0.29, 0.44, 0.00, 0.08
HSL	260°, 71%, 72%
HSV	260°, 44%, 92%
XYZ	38.8351, 30.4025, 81.8916
YIQ	153.2070, -12.2030, 39.4530

Conversions

Conversions Part 2

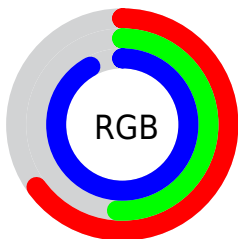
Format	Color
R _Y B	166, 131, 234
Decimal	10912746
CIE Lab	62.00, 34.81, -47.40
CIE LCh	62, 58.811, 306.297
Yxy	30.4025, 0.2570, 0.2012
Android (android.graphics.Color)	4289102826 (0xFFA683EA)
YUV	153.2070, 39.8309, 11.2195
Hunter-Lab	55.1385, 29.2287, -49.4605

Details

The CIELCh color $62, 58.811, 306.297$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $88, 53.773, 120.904$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 39.516, 311.828$, and $42, 58.848, 306.221$ is the 20% darker color. If you saturate the color by 10%, you get $55, 72.951, 307.127$, and if you desaturate by 10%, it is $69, 44.795, 305.498$.

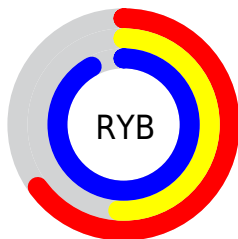
Distribution



Red (65%)

Green (51%)

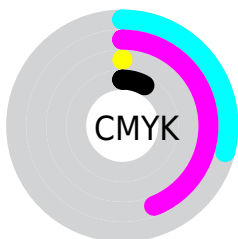
Blue (92%)



Red (65%)

Yellow (51%)

Blue (92%)

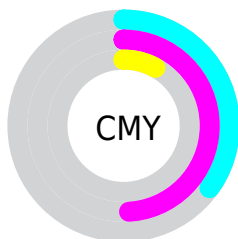


Cyan (29%)

Magenta (44%)

Yellow (0%)

Black (8%)



Cyan (35%)


Magenta (49%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 58.811, 306.297 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, 58.811, 306.297 by changing the saturation by 10% instead.

 62, 58.811,
306.297

 62, 58.811,
306.297


 100, 58.811,
306.297

 52, 58.811,
306.297


 82, 58.811,
306.297

 42, 58.811,
306.297

 92, 58.811,
306.297

 32, 58.811,
306.297

 22, 58.811,
306.297

 12, 58.811,
306.297

 2, 58.811, 306.297

 0, 58.811, 306.297

62, 58.811,
306.297

62, 58.811,
306.297

55, 72.951,
307.127

69, 44.795,
305.498

49, 86.826,
307.928

76, 31.104,
304.759

43, 99.737,
308.600

83, 17.825,
304.092

38, 110.602,
308.996

90, 4.987, 303.493

97, 7.409, 122.999

35, 118.152,
308.946

100, 10.476,
109.385

33, 121.160,
308.736

Harmonies

Complementary

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



62, 58.811, 306.297



88, 53.773, 120.904

Rectangle

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



62, 58.811, 306.297



62, 58.811, 356.297



62, 58.811, 126.297



62, 58.811, 176.297

Sweetspot

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



62, 58.810, 306.297



90, 17.736, 304.035



77, 26.993, 241.726



47, 12.457, 304.175



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, 58.810, 306.297



61, 76.681, 307.066



67, 62.507, 321.749



45, 7.200, 303.816



25, 99.684, 308.897



4, 36.848, 306.389

Inverse Universe

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



68, 51.446, 339.529



69, 65.232, 340.492



86, 61.641, 137.149



46, 6.662, 336.586



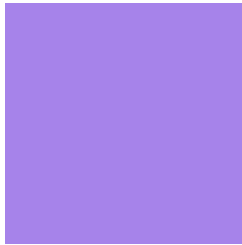
40, 69.697, 347.893



8, 30.767, 344.140

Previews

White Background



This preview shows how the CIELCh color 62, 58.811, 306.297 looks on a white background.

Color Contrast Check

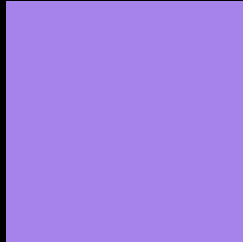
Large Text (above 18pt) WCAG AA × Fail

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, 58.811, 306.297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

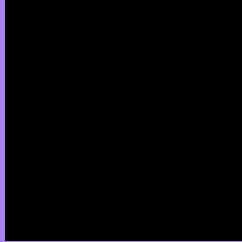
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 58.811, 306.297

Background



This preview shows how black text looks on a background with the CIELCh color 62, 58.811, 306.297.



This preview shows how white text looks on a background with the CIELCh color 62, 58.811, 306.297.

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, 6.931, 303.448

Trichromacy



Original Color
62, 58.811, 306.297



Protanomaly
62, 57.146, 292.787



Deuteranomaly
62, 49.923, 291.129



Tritanomaly
62, 25.964, 304.515

Monochromacy



Original Color
62, 58.811, 306.297



Achromatopsia
63, 0.008, 296.813



Achromatomaly
62, 21.916, 304.592

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 58.811, 306.297 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, 131, 234)` looks like.

```
.text, #text, p{  
    color:rgb(166, 131, 234)  
}
```

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, 131, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 131, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 58.811, 306.297 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, 131, 234) }
```

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

```
.border{ border-color:rgb(166, 131, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 131, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 131, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 131, 234);  
box-shadow:4px 4px 4px 4px rgb(166, 131,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 58.811, 306.297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 131, 234) }
```

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

```
.background{ background-color: rgb(166,  
131, 234) }
```

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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