

Converting Colors

CIELCh(66, 58.140, 309.259)

Have a look what the booklet for
CIELCh(66, 58.140, 309.259)
contains.

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Color

CIELCh(66, 58.173, 309.032)

Conversions

Conversions Part 1

Format	Color
Hex	B88CF2
RGB	184, 140, 242
RGB Percent	72%, 55%, 95%
CMY	0.2787, 0.4512, 0.0513
CMYK	0.24, 0.42, 0.00, 0.05
HSL	266°, 80%, 75%
HSV	266°, 42%, 95%
XYZ	45.1335, 35.3238, 88.3853
YIQ	164.7840, -6.5180, 41.0500

Conversions

Conversions Part 2

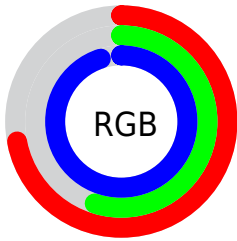
Format	Color
RYB	184, 140, 242
Decimal	12094706
CIELab	66.00, 36.63, -45.19
CIElCh	66, 58.173, 309.032
Yxy	35.3238, 0.2673, 0.2092
Android (android.graphics.Color)	4290284786 (0xFFB88CF2)
YUV	164.7840, 38.0675, 16.8524
Hunter-Lab	59.4338, 31.5421, -46.5677

Details

The CIELCh color $66, 58.173, 309.032$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $90, 54.120, 124.559$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $84, 36.154, 319.478$, and $46, 57.937, 309.160$ is the 20% darker color. If you saturate the color by 10%, you get $59, 72.514, 309.671$, and if you desaturate by 10%, it is $73, 43.859, 308.395$.

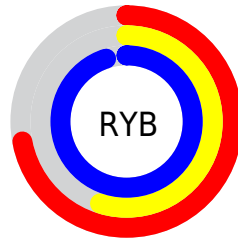
Distribution



Red (72%)

Green (55%)

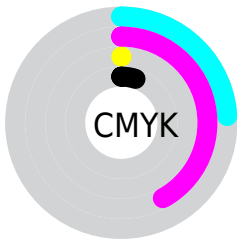
Blue (95%)



Red (72%)

Yellow (55%)

Blue (95%)

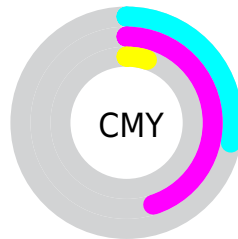


Cyan (24%)

Magenta (42%)

Yellow (0%)

Black (5%)



Cyan (28%)


Magenta (45%)


Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 58.173, 309.032 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 66, 58.173, 309.032 by changing the saturation by 10% instead.


 66, 58.173,
309.032


 66, 58.173,
309.032


 100, 58.173,
309.032


 56, 58.173,
309.032


 86, 58.173,
309.032

 46, 58.173,
309.032

 96, 58.173,
309.032

 36, 58.173,
309.032

 26, 58.173,
309.032

 16, 58.173,
309.032

 6, 58.173, 309.032

 0, 58.173, 309.032

■ 66, 58.173,
309.032

■ 66, 58.173,
309.032

■ 59, 72.514,
309.671

■ 73, 43.859,
308.395

■ 53, 86.484,
310.259

■ 80, 29.799,
307.789

■ 47, 99.412,
310.710

■ 87, 16.104,
307.231

■ 42, 110.324,
310.903

■ 94, 2.821, 306.698

■ 39, 118.107,
310.700

■ 100, 6.677,
116.658

■ 37, 121.916,
310.266

■ 100, 6.617,
109.671

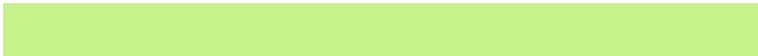
Harmonies

Complementary

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



66, 58.173, 309.032



90, 54.120, 124.559

Rectangle

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



66, 58.173, 309.032



66, 58.173, 359.032



66, 58.173, 129.032



66, 58.173, 179.032

Sweetspot

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



66, 58.171, 309.032



90, 17.994, 307.278



78, 28.246, 252.824



47, 12.634, 307.398



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 58.171, 309.032



63, 73.957, 309.608



71, 62.612, 324.215



46, 7.439, 307.088



27, 98.927, 310.455



4, 39.351, 309.901

Inverse Universe

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



71, 47.902, 344.039



69, 59.678, 345.166



88, 62.323, 139.310



47, 6.357, 340.834



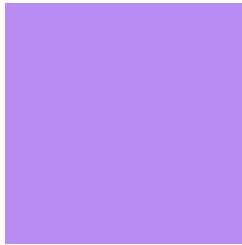
40, 67.430, 355.634



9, 30.218, 350.469

Previews

White Background



This preview shows how the CIELCh color 66, 58.173, 309.032 looks on a white background.

Color Contrast Check

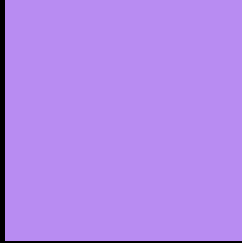
Large Text (above 18pt) WCAG AA × Fail

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 66, 58.173, 309.032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

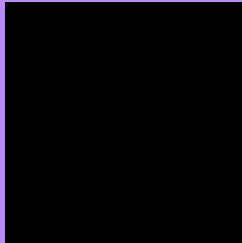
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 58.173, 309.032

Background



This preview shows how black text looks on a background with the CIELCh color 66, 58.173, 309.032.



This preview shows how white text looks on a background with the CIELCh color 66, 58.173, 309.032.

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
66, 58.173, 309.032

Protanopia
66, 54.494, 286.027

Deuteranopia
66, 43.747, 281.768



Tritanopia
66, 8.784, 331.033

Trichromacy



Original Color
66, 58.173, 309.032

Protanomaly
66, 54.828, 293.818

Deuteranomaly
66, 47.648, 292.800

Tritanomaly
66, 26.752, 312.748

Monochromacy



Original Color
66, 58.173, 309.032

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 21.359, 307.640

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 58.173, 309.032 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(184, 140, 242)` looks like.

```
.text, #text, p{  
    color:rgb(184, 140, 242)  
}
```

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(184, 140, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 140, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 58.173, 309.032 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(184, 140, 242) }
```

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

```
.border{ border-color:rgb(184, 140, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 140, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 140, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 140, 242);  
box-shadow:4px 4px 4px 4px rgb(184, 140,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 58.173, 309.032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 140, 242) }
```

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

```
.background{ background-color: rgb(184,  
140, 242) }
```

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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