

Converting Colors

CIELCh(63, 35.704, 323.085)

Have a look what the booklet for
CIELCh(63, 35.704, 323.085)
contains.

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Color

CIELCh(63, 35.358, 322.822)

Conversions

Conversions Part 1

Format	Color
Hex	B988BF
RGB	185, 136, 191
RGB Percent	73%, 53%, 75%
CMY	0.2754, 0.4675, 0.2519
CMYK	0.03, 0.29, 0.00, 0.25
HSL	293°, 30%, 64%
HSV	293°, 29%, 75%
XYZ	38.1074, 31.5869, 53.2500
YIQ	156.9210, 11.5490, 27.4930

Conversions

Conversions Part 2

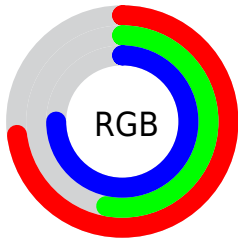
Format	Color
RYB	185, 136, 191
Decimal	12159167
CIELab	63.00, 28.17, -21.37
CIELCh	63, 35.358, 322.822
Yxy	31.5869, 0.3100, 0.2569
Android (android.graphics.Color)	4290349247 (0xFFB988BF)
YUV	156.9210, 16.8009, 24.6253
Hunter-Lab	56.2022, 22.6764, -16.8340

Details

The CIELCh color $63, 35.358, 322.822$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $73, 35.129, 139.771$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 35.098, 323.196$, and $43, 35.403, 323.002$ is the 20% darker color. If you saturate the color by 10%, you get $58, 47.454, 323.271$, and if you desaturate by 10%, it is $68, 23.039, 322.347$.

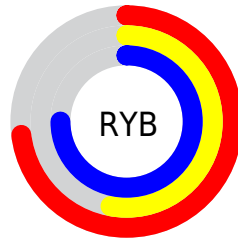
Distribution



Red (73%)

Green (53%)

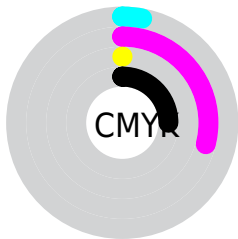
Blue (75%)



Red (73%)

Yellow (53%)

Blue (75%)

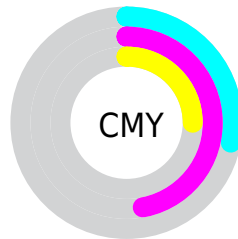


Cyan (3%)

Magenta (29%)

Yellow (0%)

Black (25%)



Cyan (28%)


Magenta (47%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 35.358, 322.822 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, 35.358, 322.822 by changing the saturation by 10% instead.


 63, 35.358,
322.822


 63, 35.358,
322.822


 100, 35.358,
322.822


 53, 35.358,
322.822


 83, 35.358,
322.822

 43, 35.358,
322.822

 93, 35.358,
322.822

 33, 35.358,
322.822

 23, 35.358,
322.822

 13, 35.358,
322.822

 3, 35.358, 322.822

 0, 35.358, 322.822

63, 35.358,
322.822

63, 35.358,
322.822

58, 47.454,
323.271

68, 23.039,
322.347

54, 59.012,
323.672

73, 10.733,
321.856

50, 69.603,
323.999

78, 1.410, 141.561

47, 78.730,
324.223

83, 13.298,
140.959

45, 85.891,
324.314

88, 24.878,
140.512

43, 90.722,
324.248

94, 36.122,
140.094


42, 93.355,
324.031

95, 38.563,
139.347

42, 93.623,

95, 38.168,
138.464

324.003

 95, 37.780,
137.556

Harmonies

Complementary

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



63, 35.358, 322.822



73, 35.129, 139.771

Rectangle

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



63, 35.358, 322.822



63, 35.358, 12.822



63, 35.358, 142.822



63, 35.358, 192.822

Sweetspot

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



63, 35.356, 322.822



92, 13.525, 321.872



60, 27.456, 288.749



48, 9.485, 321.946



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



63, 35.356, 322.822



76, 52.929, 323.128



63, 28.000, 340.150



37, 6.837, 321.882



34, 81.456, 324.060



3, 20.339, 320.678

Inverse Universe

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



62, 22.507, 13.342



75, 34.373, 14.331



73, 27.489, 155.431



37, 4.131, 11.122



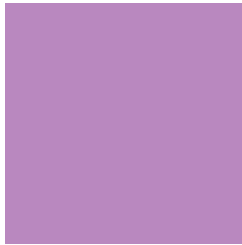
33, 68.544, 34.788



3, 12.343, 13.142

Previews

White Background



This preview shows how the CIELCh color 63, 35.358, 322.822 looks on a white background.

Color Contrast Check

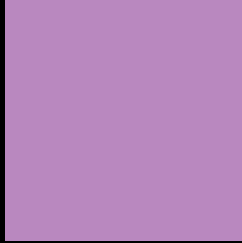
Large Text (above 18pt) WCAG AA × Fail

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 63, 35.358, 322.822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

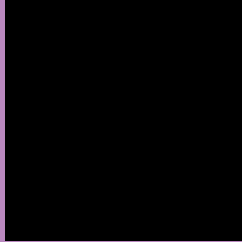
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 35.358, 322.822

Background



This preview shows how black text looks on a background with the CIELCh color 63, 35.358, 322.822.



This preview shows how white text looks on a background with the CIELCh color 63, 35.358, 322.822.

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
63, 15.742, 358.212

Trichromacy



Original Color
63, 35.358, 322.822

Protanomaly
63, 30.040, 300.411

Deuteranomaly
63, 25.563, 307.073

Tritanomaly
63, 21.934, 338.411

Monochromacy



Original Color
63, 35.358, 322.822

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 13.107, 322.264

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 35.358, 322.822 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(185, 136, 191)` looks like.

```
.text, #text, p{  
    color:rgb(185, 136, 191)  
}
```

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(185, 136, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 136, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 35.358, 322.822 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(185, 136, 191) }
```

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

```
.border{ border-color:rgb(185, 136, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 136, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 136, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 136, 191);  
box-shadow:4px 4px 4px 4px rgb(185, 136,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 35.358, 322.822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 136, 191) }
```

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

```
.background{ background-color: rgb(185,  
136, 191) }
```

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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