

Converting Colors

CIELCh(63, 35.223, 326.120)

Have a look what the booklet for
CIELCh(63, 35.223, 326.120)
contains.

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Color

CIELCh(63, 35.171, 325.956)

Conversions

Conversions Part 1

Format	Color
Hex	BC87BC
RGB	188, 135, 188
RGB Percent	74%, 53%, 74%
CMY	0.2633, 0.4711, 0.2633
CMYK	0.00, 0.28, 0.00, 0.26
HSL	300°, 28%, 63%
HSV	300°, 28%, 74%
XYZ	38.4093, 31.5869, 51.5680
YIQ	156.8890, 14.5750, 27.7190

Conversions

Conversions Part 2

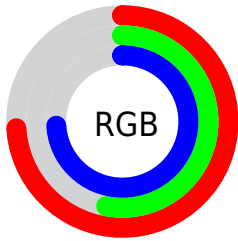
Format	Color
RYB	188, 135, 188
Decimal	12355516
CIELab	63.00, 29.14, -19.69
CIElCh	63, 35.171, 325.956
Yxy	31.5869, 0.3160, 0.2598
Android (android.graphics.Color)	4290545596 (0xFFBC87BC)
YUV	156.8890, 15.3377, 27.2843
Hunter-Lab	56.2022, 23.6352, -15.0596

Details

The CIELCh color $63, 35.171, 325.956$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $71, 35.167, 142.519$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 34.968, 326.181$, and $43, 35.602, 325.829$ is the 20% darker color. If you saturate the color by 10%, you get $59, 47.309, 326.469$, and if you desaturate by 10%, it is $67, 22.709, 325.418$.

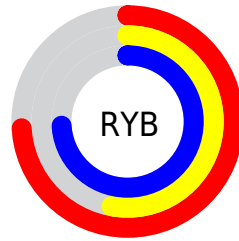
Distribution



Red (74%)

Green (53%)

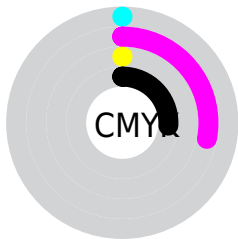
Blue (74%)



Red (74%)

Yellow (53%)

Blue (74%)

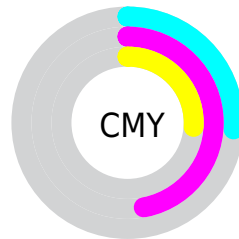


Cyan (0%)

Magenta (28%)

Yellow (0%)

Black (26%)



Cyan (26%)


Magenta (47%)


Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 35.171, 325.956 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, 35.171, 325.956 by changing the saturation by 10% instead.


 63, 35.171,
325.956


 63, 35.171,
325.956


 100, 35.171,
325.956


 53, 35.171,
325.956


 83, 35.171,
325.956

 43, 35.171,
325.956

 93, 35.171,
325.956

 33, 35.171,
325.956

 23, 35.171,
325.956

 13, 35.171,
325.956

 3, 35.171, 325.956

 0, 35.171, 325.956

63, 35.171,
325.956

63, 35.171,
325.956

59, 47.309,
326.469

67, 22.709,
325.418

55, 58.774,
326.941

72, 10.193,
324.862

52, 69.131,
327.358

77, 2.197, 144.458

49, 77.902,
327.702

82, 14.342,
143.833

47, 84.659,
327.961

87, 26.172,
143.314

45, 89.139,
328.130

92, 37.651,
142.822

45, 91.503,
328.218

94, 42.084,
142.635

45, 91.850,

94, 42.084,
142.635

328.231

 94, 42.084,
142.635

Harmonies

Complementary

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



63, 35.171, 325.956



71, 35.167, 142.519

Rectangle

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



63, 35.171, 325.956



63, 35.171, 15.956



63, 35.171, 145.956



63, 35.171, 195.956

Sweetspot

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



63, 35.169, 325.956



92, 12.318, 324.858



58, 29.630, 292.931



48, 8.758, 324.944



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



63, 35.169, 325.956



77, 52.378, 326.285



62, 25.371, 345.285



37, 7.068, 324.928



37, 80.849, 328.231



3, 21.490, 325.459

Inverse Universe

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



61, 21.846, 21.667



75, 33.414, 22.461



72, 24.577, 160.226



37, 4.096, 19.915



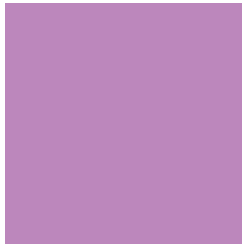
32, 72.802, 39.663



3, 12.251, 19.403

Previews

White Background



This preview shows how the CIELCh color 63, 35.171, 325.956 looks on a white background.

Color Contrast Check

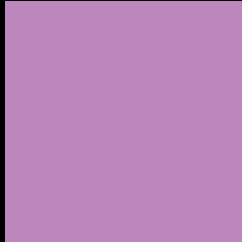
Large Text (above 18pt) WCAG AA × Fail

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, 35.171, 325.956 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, 35.171, 325.956

Background



This preview shows how black text looks on a background with the CIELCh color 63, 35.171, 325.956.

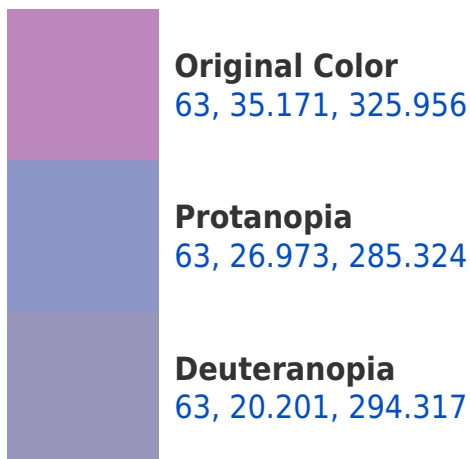



This preview shows how white text looks on a background with the CIELCh color 63, 35.171, 325.956.

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, 17.246, 0.500

Trichromacy



Original Color
63, 35.171, 325.956

Protanomaly
63, 28.433, 301.421

Deuteranomaly
63, 24.708, 309.320

Tritanomaly
63, 23.078, 341.248

Monochromacy



Original Color
63, 35.171, 325.956

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 12.844, 325.033

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 35.171, 325.956 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(188, 135, 188)` looks like.

```
.text, #text, p{  
    color:rgb(188, 135, 188)  
}
```

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(188, 135, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 135, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 35.171, 325.956 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(188, 135, 188) }
```

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

```
.border{ border-color:rgb(188, 135, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 135, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 135, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 135, 188);  
box-shadow:4px 4px 4px 4px rgb(188, 135,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 35.171, 325.956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 135, 188) }
```

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

```
.background{ background-color: rgb(188,  
135, 188) }
```

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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