

Converting Colors

CIELCh(63, 34.026, 326.048)

Have a look what the booklet for
CIELCh(63, 34.026, 326.048)
contains.

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Color

CIELCh(63, 33.887, 325.907)

Conversions

Conversions Part 1

Format	Color
Hex	BB88BB
RGB	187, 136, 187
RGB Percent	73%, 53%, 73%
CMY	0.2682, 0.4681, 0.2682
CMYK	0.00, 0.27, 0.00, 0.27
HSL	300°, 27%, 63%
HSV	300°, 27%, 73%
XYZ	38.0736, 31.5869, 50.8816
YIQ	157.0630, 14.0250, 26.6730

Conversions

Conversions Part 2

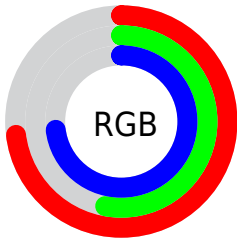
Format	Color
RYB	187, 136, 187
Decimal	12290235
CIELab	63.00, 28.06, -18.99
CIELCh	63, 33.887, 325.907
Yxy	31.5869, 0.3159, 0.2620
Android (android.graphics.Color)	4290480315 (0xFFBB88BB)
YUV	157.0630, 14.7589, 26.2547
Hunter-Lab	56.2022, 22.5689, -14.3355

Details

The CIELCh color $63, 33.887, 325.907$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $71, 33.880, 142.594$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 33.731, 326.159$, and $43, 34.280, 325.747$ is the 20% darker color. If you saturate the color by 10%, you get $59, 46.000, 326.422$, and if you desaturate by 10%, it is $67, 21.478, 325.368$.

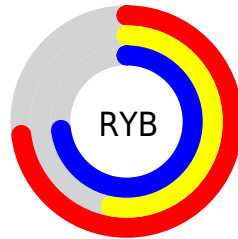
Distribution



Red (73%)

Green (53%)

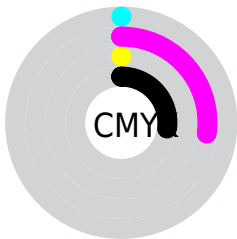
Blue (73%)



Red (73%)

Yellow (53%)

Blue (73%)

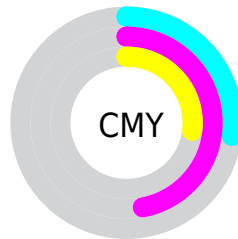


Cyan (0%)

Magenta (27%)

Yellow (0%)

Black (27%)



Cyan (27%)


Magenta (47%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 33.887, 325.907 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, 33.887, 325.907 by changing the saturation by 10% instead.


 63, 33.887,
325.907


 63, 33.887,
325.907


 100, 33.887,
325.907


 53, 33.887,
325.907


 83, 33.887,
325.907

 43, 33.887,
325.907

 93, 33.887,
325.907

 33, 33.887,
325.907

 23, 33.887,
325.907

 13, 33.887,
325.907

 3, 33.887, 325.907

 0, 33.887, 325.907

63, 33.887,
325.907

63, 33.887,
325.907

59, 46.000,
326.422

67, 21.478,
325.368

55, 57.482,
326.899

72, 9.035, 324.809

52, 67.902,
327.321

77, 3.269, 144.372

82, 15.323,
143.785

49, 76.790,
327.672

87, 27.059,
143.269

47, 83.709,
327.939

92, 38.443,
142.780

45, 88.379,
328.116


94, 42.865,
142.592

45, 90.874,
328.210

94, 42.864,
142.592

44, 91.394,

328.229

 94, 42.864,
142.591

Harmonies

Complementary

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



63, 33.887, 325.907



71, 33.880, 142.594

Rectangle

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



63, 33.887, 325.907



63, 33.887, 15.907



63, 33.887, 145.907



63, 33.887, 195.907

Sweetspot

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



63, 33.885, 325.907



91, 12.214, 324.856



59, 28.487, 292.796



48, 8.758, 324.942



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, 33.885, 325.907



77, 50.446, 326.231



62, 24.429, 345.190



37, 7.068, 324.926



37, 80.849, 328.229



3, 21.489, 325.457

Inverse Universe

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



61, 20.972, 21.560



75, 32.038, 22.319



72, 23.687, 160.321



37, 4.096, 19.911



32, 72.800, 39.661



3, 12.251, 19.400

Previews

White Background



This preview shows how the CIELCh color 63, 33.887, 325.907 looks on a white background.

Color Contrast Check

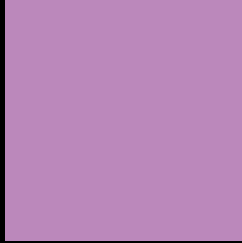
Large Text (above 18pt) WCAG AA × Fail

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, 33.887, 325.907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

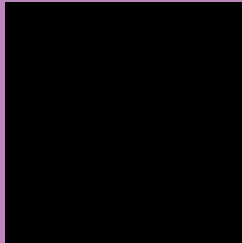
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 33.887, 325.907

Background



This preview shows how black text looks on a background with the CIELCh color 63, 33.887, 325.907.



This preview shows how white text looks on a background with the CIELCh color 63, 33.887, 325.907.

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, 33.887, 325.907

Protanopia
63, 26.390, 285.777

Deuteranopia
63, 19.663, 295.344



Tritanopia
63, 16.872, 359.965

Trichromacy



Original Color
63, 33.887, 325.907

Protanomaly
63, 27.935, 302.261

Deuteranomaly
63, 24.283, 310.514

Tritanomaly
63, 21.816, 342.109

Monochromacy



Original Color
63, 33.887, 325.907

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, 33.887, 325.907 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(187, 136, 187)` looks like.

```
.text, #text, p{  
    color:rgb(187, 136, 187)  
}
```

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(187, 136, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 136, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 33.887, 325.907 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(187, 136, 187) }
```

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

```
.border{ border-color:rgb(187, 136, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 136, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 136, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 136, 187);  
box-shadow:4px 4px 4px 4px rgb(187, 136,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 33.887, 325.907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 136, 187) }
```

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

```
.background{ background-color: rgb(187,  
136, 187) }
```

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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