

Converting Colors

CIELCh(63, 33.005, 327.006)

Have a look what the booklet for
CIELCh(63, 33.005, 327.006)
contains.

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Color

CIELCh(63, 33.005, 327.006)

Conversions

Conversions Part 1

Format	Color
Hex	BB88B9
RGB	187, 136, 185
RGB Percent	73%, 53%, 73%
CMY	0.2675, 0.4674, 0.2753
CMYK	0.00, 0.27, 0.01, 0.27
HSL	302°, 27%, 63%
HSV	302°, 27%, 73%
XYZ	37.9558, 31.5869, 49.8830
YIQ	156.8350, 14.6670, 26.0510

Conversions

Conversions Part 2

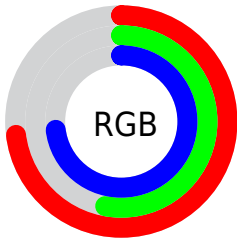
Format	Color
RYB	187, 136, 185
Decimal	12290233
CIELab	63.00, 27.68, -17.97
CIElCh	63, 33.005, 327.006
Yxy	31.5869, 0.3178, 0.2645
Android (android.graphics.Color)	4290480313 (0xFFBB88B9)
YUV	156.8350, 13.8853, 26.4547
Hunter-Lab	56.2022, 22.1947, -13.2820

Details

The CIELCh color $63, 33.005, 327.006$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $71, 32.990, 143.640$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 32.895, 327.215$, and $43, 33.343, 326.898$ is the 20% darker color. If you saturate the color by 10%, you get $59, 44.822, 327.545$, and if you desaturate by 10%, it is $68, 20.905, 326.450$.

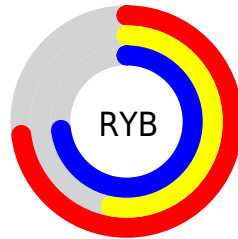
Distribution



Red (73%)

Green (53%)

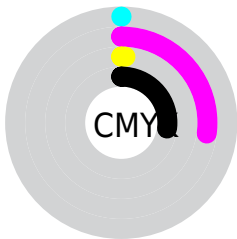
Blue (73%)



Red (73%)

Yellow (53%)

Blue (73%)

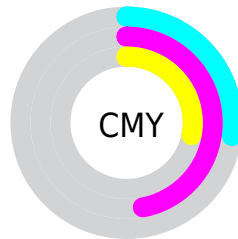


Cyan (0%)

Magenta (27%)

Yellow (1%)

Black (27%)



Cyan (27%)


Magenta (47%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 33.005, 327.006 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, 33.005, 327.006 by changing the saturation by 10% instead.


 63, 33.005,
327.006


 63, 33.005,
327.006


 100, 33.005,
327.006


 53, 33.005,
327.006


 83, 33.005,
327.006

 43, 33.005,
327.006

 93, 33.005,
327.006

 33, 33.005,
327.006

 23, 33.005,
327.006

 13, 33.005,
327.006

 3, 33.005, 327.006

 0, 33.005, 327.006

63, 33.005,
327.006

63, 33.005,
327.006

59, 44.822,
327.545

68, 20.905,
326.450

55, 56.026,
328.056

72, 8.776, 325.878

77, 3.215, 145.438

51, 66.191,
328.524

82, 14.960,
144.842

49, 74.843,
328.937

87, 26.396,
144.320

46, 81.539,
329.287

92, 37.492,
143.825

45, 85.983,
329.571


94, 41.435,
143.826

44, 88.237,
329.798

94, 41.130,
144.123

44, 88.695,

329.855

 94, 40.825,
144.424

Harmonies

Complementary

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



63, 33.005, 327.006



71, 32.990, 143.640

Rectangle

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



63, 33.005, 327.006



63, 33.005, 17.006



63, 33.005, 147.006



63, 33.005, 197.006

Sweetspot

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



63, 33.003, 327.006



91, 11.893, 325.928



59, 29.009, 294.542



48, 8.528, 326.016



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, 33.003, 327.006



77, 49.141, 327.345



62, 23.701, 348.050



37, 6.883, 325.999



37, 78.432, 329.834



3, 20.682, 326.835

Inverse Universe

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



63, 33.003, 327.006



77, 49.141, 327.345



72, 22.784, 162.969



37, 6.883, 325.999



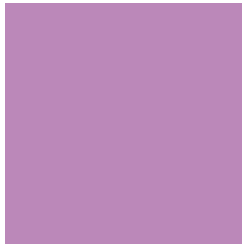
37, 78.432, 329.834



3, 20.682, 326.835

Previews

White Background



This preview shows how the CIELCh color 63, 33.005, 327.006 looks on a white background.

Color Contrast Check

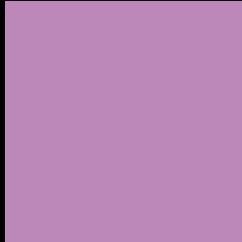
Large Text (above 18pt) WCAG AA × Fail

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, 33.005, 327.006 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

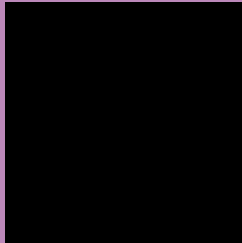
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 33.005, 327.006

Background



This preview shows how black text looks on a background with the CIELCh color 63, 33.005, 327.006.

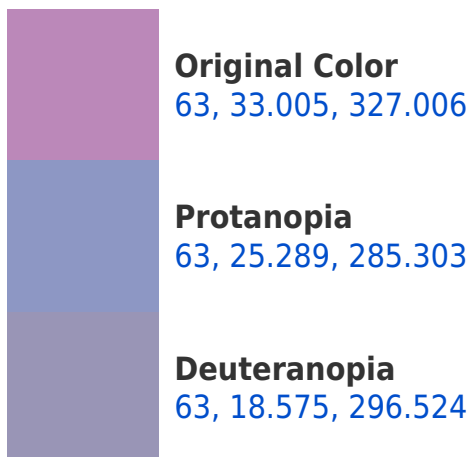


This preview shows how white text looks on a background with the CIELCh color 63, 33.005, 327.006.

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, 16.872, 359.965

Trichromacy



Original Color
63, 33.005, 327.006

Protanomaly
63, 26.839, 302.587

Deuteranomaly
63, 23.233, 311.352

Tritanomaly
63, 21.816, 342.109

Monochromacy



Original Color
63, 33.005, 327.006

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 12.393, 326.488

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 33.005, 327.006 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(187, 136, 185)  
}
```

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, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 136, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 33.005, 327.006 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, 185) }
```

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

```
.border{ border-color:rgb(187, 136, 185) }
```

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, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 136, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 136, 185);  
box-shadow:4px 4px 4px 4px rgb(187, 136,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 33.005, 327.006 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, 185) }
```

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

```
.background{ background-color: rgb(187,  
136, 185) }
```

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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