

Converting Colors

CIELCh(63, 43.601, 317.679)

Have a look what the booklet for
CIELCh(63, 43.601, 317.679)
contains.

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Color

CIELCh(63, 43.350, 317.790)

Conversions

Conversions Part 1

Format	Color
Hex	B986CD
RGB	185, 134, 205
RGB Percent	73%, 53%, 80%
CMY	0.2762, 0.4761, 0.1978
CMYK	0.10, 0.35, 0.00, 0.20
HSL	283°, 41%, 66%
HSV	283°, 35%, 80%
XYZ	39.3412, 31.5869, 61.5088
YIQ	157.3430, 7.6050, 32.8930

Conversions

Conversions Part 2

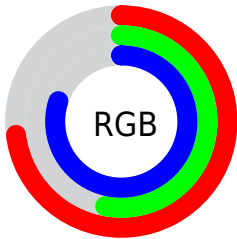
Format	Color
R_{YB}	185, 134, 205
Decimal	12158669
CIE _{Lab}	63.00, 32.11, -29.12
CIE _{LCh}	63, 43.350, 317.790
Yxy	31.5869, 0.2971, 0.2385
Android (android.graphics.Color)	4290348749 (0xFFB986CD)
YUV	157.3430, 23.4949, 24.2552
Hunter-Lab	56.2022, 26.5950, -25.5466

Details

The CIELCh color $63, 43.350, 317.790$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $77, 42.329, 134.592$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 39.934, 320.169$, and $43, 43.834, 317.779$ is the 20% darker color. If you saturate the color by 10%, you get $58, 55.807, 318.190$, and if you desaturate by 10%, it is $68, 30.712, 317.359$.

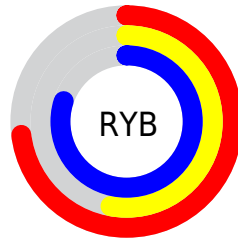
Distribution



Red (73%)

Green (53%)

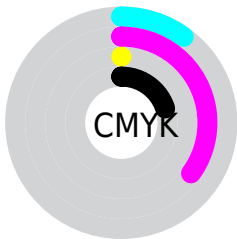
Blue (80%)



Red (73%)

Yellow (53%)

Blue (80%)

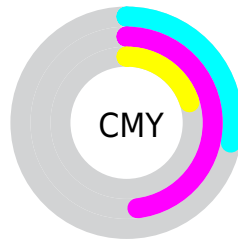


Cyan (10%)

Magenta (35%)

Yellow (0%)

Black (20%)



Cyan (28%)


Magenta (48%)


Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 43.350, 317.790 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, 43.350, 317.790 by changing the saturation by 10% instead.


 63, 43.350,
317.790


 63, 43.350,
317.790


 100, 43.350,
317.790


 53, 43.350,
317.790


 83, 43.350,
317.790

 43, 43.350,
317.790

 93, 43.350,
317.790

 33, 43.350,
317.790

 23, 43.350,
317.790

 13, 43.350,
317.790

 3, 43.350, 317.790

 0, 43.350, 317.790

63, 43.350,
317.790

63, 43.350,
317.790

58, 55.807,
318.190

68, 30.712,
317.359

53, 67.744,
318.526

74, 18.126,
316.919

49, 78.680,
318.752

80, 5.733, 316.470

45, 88.012,
318.813

85, 6.385, 136.126

42, 95.112,
318.646

91, 18.185,
135.726


40, 99.534,
318.197

96, 28.842,
135.162

39, 101.125,
317.884

97, 27.918,
131.488

97, 27.116,
127.523

 98, 26.453,
123.283

Harmonies

Complementary

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



63, 43.350, 317.790



77, 42.329, 134.592

Rectangle

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



63, 43.350, 317.790



63, 43.350, 7.790



63, 43.350, 137.790



63, 43.350, 187.790

Sweetspot

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



63, 43.348, 317.790



93, 14.688, 316.717



64, 28.860, 280.313



49, 10.035, 316.780



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 43.348, 317.790



72, 62.758, 318.108



65, 39.866, 333.405



40, 6.946, 316.685



31, 86.417, 318.019



3, 26.103, 315.731

Inverse Universe

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



63, 29.963, 1.256



73, 43.700, 2.561



76, 39.674, 148.359



40, 4.673, 358.066



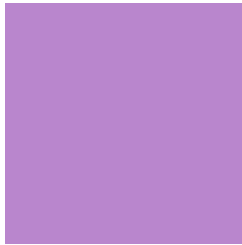
35, 63.909, 22.228



4, 18.478, 5.794

Previews

White Background



This preview shows how the CIELCh color 63, 43.350, 317.790 looks on a white background.

Color Contrast Check

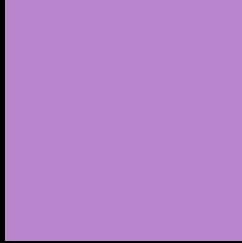
Large Text (above 18pt) WCAG AA × Fail

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, 43.350, 317.790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

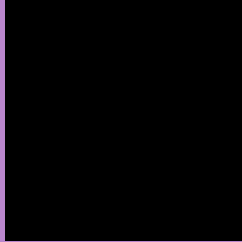
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 43.350, 317.790

Background



This preview shows how black text looks on a background with the CIELCh color 63, 43.350, 317.790.

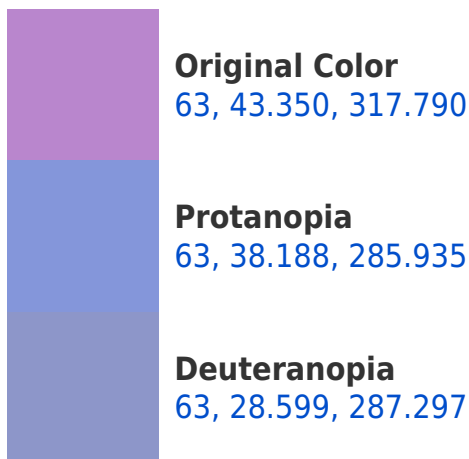


This preview shows how white text looks on a background with the CIELCh color 63, 43.350, 317.790.

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, 14.273, 355.505

Trichromacy



Original Color
63, 43.350, 317.790



Protanomaly
63, 38.803, 297.508



Deuteranomaly
63, 32.914, 301.163



Tritanomaly
63, 23.755, 331.022

Monochromacy



Original Color
63, 43.350, 317.790



Achromatopsia
65, 0.008, 296.813



Achromatomaly
64, 16.213, 317.316

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 43.350, 317.790 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, 134, 205)` looks like.

```
.text, #text, p{  
    color:rgb(185, 134, 205)  
}
```

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, 134, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 134, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 43.350, 317.790 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, 134, 205) }
```

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

```
.border{ border-color:rgb(185, 134, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 134, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 134, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 134, 205);  
box-shadow:4px 4px 4px 4px rgb(185, 134,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 43.350, 317.790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 134, 205) }
```

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

```
.background{ background-color: rgb(185,  
134, 205) }
```

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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