

Converting Colors

CIELCh(63, 52.827, 316.409)

Have a look what the booklet for
CIELCh(63, 52.827, 316.409)
contains.

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Color

CIELCh(63, 53.249, 316.306)

Conversions

Conversions Part 1

Format	Color
Hex	BC81DA
RGB	188, 129, 218
RGB Percent	74%, 51%, 85%
CMY	0.2615, 0.4930, 0.1439
CMYK	0.14, 0.41, 0.00, 0.14
HSL	280°, 55%, 68%
HSV	280°, 41%, 86%
XYZ	41.4008, 31.5869, 70.4605
YIQ	156.7870, 6.5950, 40.1870

Conversions

Conversions Part 2

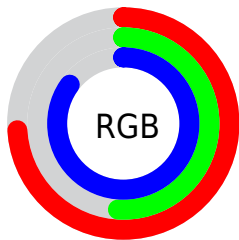
Format	Color
R _Y B	188, 129, 218
Decimal	12354010
CIE Lab	63.00, 38.50, -36.78
CIE LCh	63, 53.249, 316.306
Yxy	31.5869, 0.2886, 0.2202
Android (android.graphics.Color)	4290544090 (0xFFBC81DA)
YUV	156.7870, 30.1780, 27.3738
Hunter-Lab	56.2022, 33.1364, -34.9900

Details

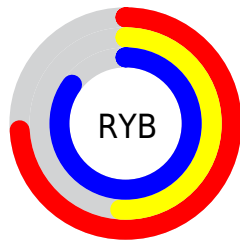
The CIELCh color `63, 53.249, 316.306` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `81, 51.399, 132.576`, and the grayscale version is `65, 0.008, 296.813`.

A 20% lighter version of the original color is `82, 43.514, 321.929`, and `43, 53.458, 316.208` is the 20% darker color. If you saturate the color by 10%, you get `58, 66.151, 316.692`, and if you desaturate by 10%, it is `69, 40.041, 315.875`.

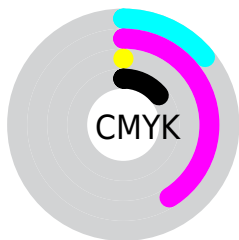
Distribution



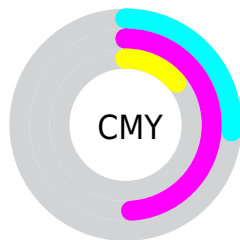
- Red (74%)
- Green (51%)
- Blue (85%)



- Red (74%)
- Yellow (51%)
- Blue (85%)



- Cyan (14%)
- Magenta (41%)
- Yellow (0%)
- Black (14%)





- Cyan (26%)
- Magenta (49%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 53.249, 316.306 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, 53.249, 316.306 by changing the saturation by 10% instead.

 63, 53.249,
316.306


 63, 53.249,
316.306


 100, 53.249,
316.306


 53, 53.249,
316.306


 83, 53.249,
316.306

 43, 53.249,
316.306

 93, 53.249,
316.306

 33, 53.249,
316.306

 23, 53.249,
316.306

 13, 53.249,
316.306

 3, 53.249, 316.306

 0, 53.249, 316.306

63, 53.249,
316.306

63, 53.249,
316.306

58, 66.151,
316.692

69, 40.041,
315.875

53, 78.317,
316.989

75, 26.822,
315.430

48, 89.151,
317.137

81, 13.769,
314.987

44, 97.938,
317.065

87, 0.988, 314.400

42, 104.022,
316.700

93, 11.465,
134.209

40, 107.327,
316.111

98, 20.393,
132.345

98, 19.433,
125.301

99, 18.802,
117.542

99, 18.550,
109.307

Harmonies

Complementary

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



63, 53.249, 316.306



81, 51.399, 132.576

Rectangle

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



63, 53.249, 316.306



63, 53.249, 6.306



63, 53.249, 136.306



63, 53.249, 186.306

Sweetspot

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



63, 53.247, 316.306



92, 17.418, 315.045



66, 33.030, 276.750



48, 11.570, 315.103



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, 53.247, 316.306



68, 72.464, 316.644



66, 51.387, 331.359



43, 7.269, 314.928



31, 90.287, 316.268



4, 32.528, 315.903

Inverse Universe

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



64, 38.013, 358.325



70, 51.796, 359.888



80, 51.389, 145.532



43, 5.102, 354.277



36, 64.562, 17.412



6, 24.011, 4.940

Previews

White Background



This preview shows how the CIELCh color 63, 53.249, 316.306 looks on a white background.

Color Contrast Check

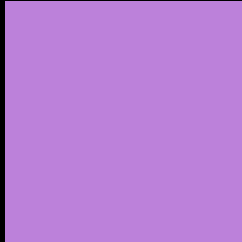
Large Text (above 18pt) WCAG AA × Fail

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, 53.249, 316.306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

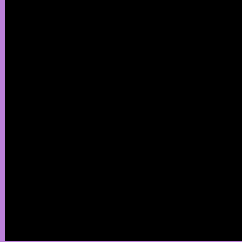
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 53.249, 316.306

Background



This preview shows how black text looks on a background with the CIELCh color 63, 53.249, 316.306.

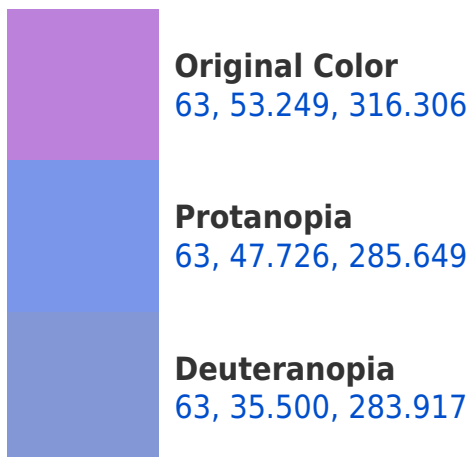


This preview shows how white text looks on a background with the CIELCh color 63, 53.249, 316.306.

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, 15.012, 356.923

Trichromacy



Original Color
63, 53.249, 316.306



Protanomaly
63, 48.788, 296.599



Deuteranomaly
63, 41.095, 298.397



Tritanomaly
63, 27.213, 329.089

Monochromacy



Original Color
63, 53.249, 316.306



Achromatopsia
65, 0.008, 296.813



Achromatomaly
64, 19.548, 315.073

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 53.249, 316.306 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, 129, 218)` looks like.

```
.text, #text, p{  
    color:rgb(188, 129, 218)  
}
```

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, 129, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 129, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 53.249, 316.306 is called "border". The border property can be set on classes, ids or directly on the HTML element.

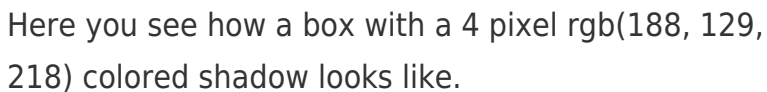
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 129, 218) }
```

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

```
.border{ border-color:rgb(188, 129, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 129, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(188, 129, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(188, 129, 218); box-shadow:4px 4px 4px 4px rgb(188, 129, 218) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 53.249, 316.306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 129, 218) }
```

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

```
.background{ background-color: rgb(188,  
129, 218) }
```

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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