

Converting Colors

CIELCh(63, 36.092, 316.854)

Have a look what the booklet for
CIELCh(63, 36.092, 316.854)
contains.

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Color

CIELCh(63, 36.055, 316.847)

Conversions

Conversions Part 1

Format	Color
Hex	B38AC5
RGB	179, 138, 197
RGB Percent	70%, 54%, 77%
CMY	0.2999, 0.4606, 0.2293
CMYK	0.09, 0.30, 0.00, 0.23
HSL	282°, 34%, 66%
HSV	282°, 30%, 77%
XYZ	37.5309, 31.5869, 56.6589
YIQ	156.9850, 5.4970, 27.0410

Conversions

Conversions Part 2

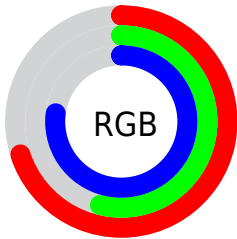
Format	Color
RYB	179, 138, 197
Decimal	11766469
CIELab	63.00, 26.30, -24.66
CIELCh	63, 36.055, 316.847
Yxy	31.5869, 0.2984, 0.2511
Android (android.graphics.Color)	4289956549 (0xFFB38AC5)
YUV	156.9850, 19.7274, 19.3072
Hunter-Lab	56.2022, 20.8453, -20.4302

Details

The CIELCh color $63, 36.055, 316.847$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $75, 35.241, 134.150$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 35.990, 316.578$, and $43, 36.304, 316.681$ is the 20% darker color. If you saturate the color by 10%, you get $58, 48.211, 317.268$, and if you desaturate by 10%, it is $68, 23.868, 316.409$.

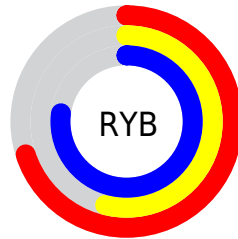
Distribution



Red (70%)

Green (54%)

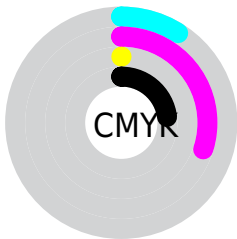
Blue (77%)



Red (70%)

Yellow (54%)

Blue (77%)

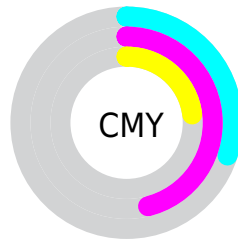


Cyan (9%)

Magenta (30%)

Yellow (0%)

Black (23%)



Cyan (30%)


Magenta (46%)


Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 36.055, 316.847 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, 36.055, 316.847 by changing the saturation by 10% instead.


 63, 36.055,
316.847


 63, 36.055,
316.847


 100, 36.055,
316.847


 53, 36.055,
316.847


 83, 36.055,
316.847

 43, 36.055,
316.847

 93, 36.055,
316.847

 33, 36.055,
316.847

 23, 36.055,
316.847

 13, 36.055,
316.847

 3, 36.055, 316.847

 0, 36.055, 316.847

63, 36.055,
316.847

63, 36.055,
316.847

58, 48.211,
317.268

68, 23.868,
316.409

53, 60.076,
317.646

74, 11.822,
315.970

48, 71.260,
317.938

79, 0.016, 304.659

44, 81.235,
318.092

85, 11.496,
135.198

41, 89.378,
318.045

90, 22.688,
134.830


38, 95.112,
317.730

96, 33.269,
134.428

37, 98.548,
317.161

96, 32.311,
131.111

97, 31.466,
127.550

 97, 30.750,
123.754

Harmonies

Complementary

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



63, 36.055, 316.847



75, 35.241, 134.150

Rectangle

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



63, 36.055, 316.847



63, 36.055, 6.847



63, 36.055, 136.847



63, 36.055, 186.847

Sweetspot

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



63, 36.053, 316.847



94, 13.125, 315.932



64, 23.066, 277.001



49, 9.135, 315.997



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, 36.053, 316.847



76, 53.574, 317.126



64, 34.230, 331.835



39, 6.761, 315.943



30, 85.791, 317.290



3, 23.502, 313.727

Inverse Universe

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



64, 25.138, 358.892



77, 37.538, 359.855



74, 34.108, 147.708



39, 4.629, 356.428



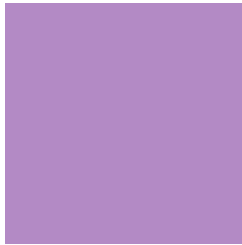
34, 62.458, 20.057



4, 16.540, 3.973

Previews

White Background



This preview shows how the CIELCh color 63, 36.055, 316.847 looks on a white background.

Color Contrast Check

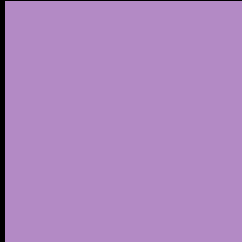
Large Text (above 18pt) WCAG AA × Fail

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, 36.055, 316.847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

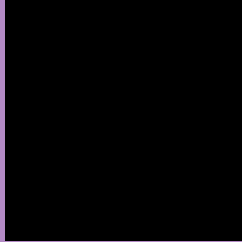
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 36.055, 316.847

Background



This preview shows how black text looks on a background with the CIELCh color 63, 36.055, 316.847.



This preview shows how white text looks on a background with the CIELCh color 63, 36.055, 316.847.

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, 36.055, 316.847

Protanopia

63, 30.915, 285.105

Deuteranopia

63, 24.627, 289.653



Tritanopia
63, 12.437, 348.132

Trichromacy



Original Color
63, 36.055, 316.847

Protanomaly
63, 32.059, 297.081

Deuteranomaly
63, 28.484, 302.110

Tritanomaly
63, 20.217, 328.119

Monochromacy



Original Color
63, 36.055, 316.847

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 13.049, 316.681

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 36.055, 316.847 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(179, 138, 197)` looks like.

```
.text, #text, p{  
    color:rgb(179, 138, 197)  
}
```

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(179, 138, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 138, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 36.055, 316.847 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(179, 138, 197) }
```

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

```
.border{ border-color:rgb(179, 138, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 138, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 138, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 138, 197);  
box-shadow:4px 4px 4px 4px rgb(179, 138,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 36.055, 316.847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 138, 197) }
```

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

```
.background{ background-color: rgb(179,  
138, 197) }
```

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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