

Converting Colors

CIELCh(63, 44.634, 313.820)

Have a look what the booklet for
CIELCh(63, 44.634, 313.820)
contains.

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Color

CIELCh(63, 44.553, 313.644)

Conversions

Conversions Part 1

Format	Color
Hex	B387D2
RGB	179, 135, 210
RGB Percent	70%, 53%, 82%
CMY	0.2978, 0.4704, 0.1763
CMYK	0.15, 0.36, 0.00, 0.18
HSL	275°, 45%, 68%
HSV	275°, 36%, 82%
XYZ	38.9122, 31.5869, 65.0523
YIQ	156.7060, 2.1490, 32.6530

Conversions

Conversions Part 2

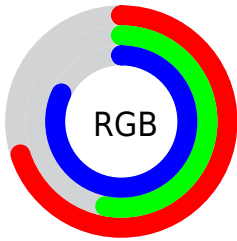
Format	Color
RYB	179, 135, 210
Decimal	11765714
CIELab	63.00, 30.75, -32.24
CIElCh	63, 44.553, 313.644
Yxy	31.5869, 0.2871, 0.2330
Android (android.graphics.Color)	4289955794 (0xFFB387D2)
YUV	156.7060, 26.2739, 19.5518
Hunter-Lab	56.2022, 25.2325, -29.2847

Details

The CIELCh color $63, 44.553, 313.644$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $80, 42.800, 130.390$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 38.481, 317.233$, and $43, 44.756, 313.772$ is the 20% darker color. If you saturate the color by 10%, you get $57, 57.274, 314.102$, and if you desaturate by 10%, it is $69, 31.803, 313.171$.

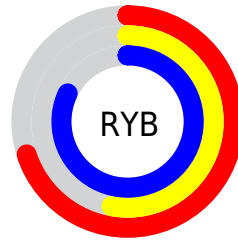
Distribution



Red (70%)

Green (53%)

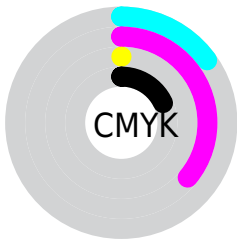
Blue (82%)



Red (70%)

Yellow (53%)

Blue (82%)

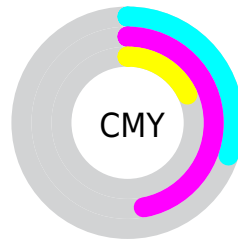


Cyan (15%)

Magenta (36%)

Yellow (0%)

Black (18%)



Cyan (30%)

Magenta (47%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 44.553, 313.644 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, 44.553, 313.644 by changing the saturation by 10% instead.

 63, 44.553,
313.644

 63, 44.553,
313.644

 100, 44.553,
313.644

 53, 44.553,
313.644

 83, 44.553,
313.644

 43, 44.553,
313.644

 93, 44.553,
313.644

 33, 44.553,
313.644

 23, 44.553,
313.644

 13, 44.553,
313.644

 3, 44.553, 313.644

 0, 44.553, 313.644

63, 44.553,
313.644

63, 44.553,
313.644

57, 57.274,
314.102

69, 31.803,
313.171

52, 69.662,
314.508

75, 19.216,
312.705

47, 81.244,
314.805

81, 6.896, 312.253

43, 91.364,
314.918

87, 5.101, 131.899

39, 99.256,
314.756

93, 16.751,
131.508

37, 104.289,
314.234

97, 24.458,
129.348

36, 105.902,
313.953

98, 23.454,
122.242

99, 22.854,
114.503

 99, 22.702,
108.457

Harmonies

Complementary

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



63, 44.553, 313.644



80, 42.800, 130.390

Rectangle

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



63, 44.553, 313.644



63, 44.553, 3.644



63, 44.553, 133.644



63, 44.553, 183.644

Sweetspot

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



63, 44.551, 313.644



92, 15.663, 312.497



67, 25.707, 269.845



48, 10.542, 312.559



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, 44.551, 313.644



70, 63.034, 314.003



66, 45.880, 328.819



41, 6.863, 312.420



28, 89.676, 314.124



3, 27.316, 310.976

Inverse Universe

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



65, 33.274, 352.410



73, 46.894, 353.548



78, 45.898, 144.084



41, 5.127, 349.395



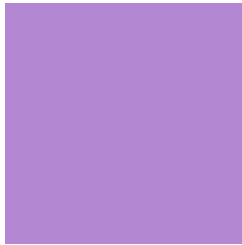
36, 61.970, 9.985



5, 21.084, 359.333

Previews

White Background



This preview shows how the CIELCh color 63, 44.553, 313.644 looks on a white background.

Color Contrast Check

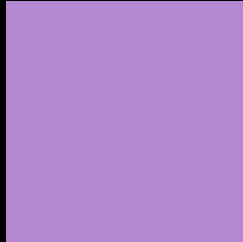
Large Text (above 18pt) WCAG AA × Fail

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, 44.553, 313.644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

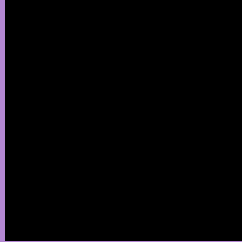
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 44.553, 313.644

Background



This preview shows how black text looks on a background with the CIELCh color 63, 44.553, 313.644.



This preview shows how white text looks on a background with the CIELCh color 63, 44.553, 313.644.

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, 44.553, 313.644

Protanopia
63, 40.462, 285.507

Deuteranopia
63, 31.462, 285.332



Tritanopia
63, 11.481, 348.288

Trichromacy



Original Color
63, 44.553, 313.644



Protanomaly
63, 40.907, 295.299



Deuteranomaly
63, 35.443, 297.552



Tritanomaly
63, 22.465, 323.819

Monochromacy



Original Color
63, 44.553, 313.644



Achromatopsia
65, 0.008, 296.813



Achromatomaly
64, 16.264, 312.876

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 44.553, 313.644 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, 135, 210)` looks like.

```
.text, #text, p{  
    color:rgb(179, 135, 210)  
}
```

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, 135, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 135, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 44.553, 313.644 is called "border". The border property can be set on classes, ids or directly on the HTML element.

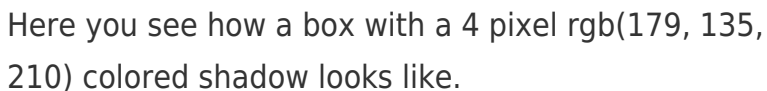
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 135, 210) }
```

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

```
.border{ border-color:rgb(179, 135, 210) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 135, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 135, 210); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 135, 210); box-shadow:4px 4px 4px 4px rgb(179, 135, 210) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 44.553, 313.644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 135, 210) }
```

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

```
.background{ background-color: rgb(179,  
135, 210) }
```

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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