

Converting Colors

CIELCh(63, 42.485, 314.641)

Have a look what the booklet for
CIELCh(63, 42.485, 314.641)
contains.

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Color

CIELCh(63, 41.876, 314.451)

Conversions

Conversions Part 1

Format	Color
Hex	B388CE
RGB	179, 136, 206
RGB Percent	70%, 53%, 81%
CMY	0.2986, 0.4672, 0.1927
CMYK	0.13, 0.34, 0.00, 0.19
HSL	277°, 42%, 67%
HSV	277°, 34%, 81%
XYZ	38.4663, 31.5869, 62.3705
YIQ	156.8370, 3.1580, 30.8860

Conversions

Conversions Part 2

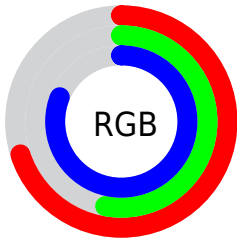
Format	Color
R_{YB}	179, 136, 206
Decimal	11765966
CIE _{Lab}	63.00, 29.33, -29.89
CIE _{LCh}	63, 41.876, 314.451
Yxy	31.5869, 0.2905, 0.2385
Android (android.graphics.Color)	4289956046 (0xFFB388CE)
YUV	156.8370, 24.2374, 19.4370
Hunter-Lab	56.2022, 23.8162, -26.4556

Details

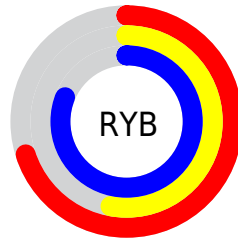
The CIELCh color $63, 41.876, 314.451$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $78, 40.441, 131.387$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 37.851, 317.075$, and $43, 41.935, 314.580$ is the 20% darker color. If you saturate the color by 10%, you get $57, 54.411, 314.895$, and if you desaturate by 10%, it is $69, 29.317, 313.992$.

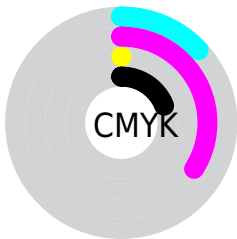
Distribution



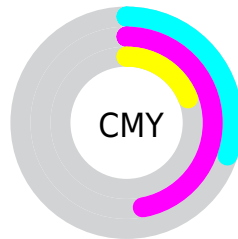
- Red (70%)
- Green (53%)
- Blue (81%)



- Red (70%)
- Yellow (53%)
- Blue (81%)



- Cyan (13%)
- Magenta (34%)
- Yellow (0%)
- Black (19%)





- Cyan (30%)
- Magenta (47%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 41.876, 314.451 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, 41.876, 314.451 by changing the saturation by 10% instead.


 63, 41.876,
314.451


 63, 41.876,
314.451


 100, 41.876,
314.451


 53, 41.876,
314.451


 83, 41.876,
314.451

 43, 41.876,
314.451

 93, 41.876,
314.451

 33, 41.876,
314.451

 23, 41.876,
314.451

 13, 41.876,
314.451

 3, 41.876, 314.451

 0, 41.876, 314.451

63, 41.876,
314.451

63, 41.876,
314.451

57, 54.411,
314.895

69, 29.317,
313.992

52, 66.635,
315.289

74, 16.917,
313.539

47, 78.106,
315.583

80, 4.777, 313.088

43, 88.212,
315.708

86, 7.049, 132.747

40, 96.230,
315.580

92, 18.538,
132.369


37, 101.533,
315.119

97, 27.084,
130.955

36, 103.696,
314.726

97, 26.047,
125.213

98, 25.299,
118.959

 99, 24.883,
112.316

Harmonies

Complementary

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



63, 41.876, 314.451



78, 40.441, 131.387

Rectangle

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



63, 41.876, 314.451



63, 41.876, 4.451



63, 41.876, 134.451



63, 41.876, 184.451

Sweetspot

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



63, 41.874, 314.451



93, 14.313, 313.367



67, 24.564, 270.992



49, 9.781, 313.430



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, 41.874, 314.451



72, 60.293, 314.787



66, 42.550, 329.248



40, 6.768, 313.334



28, 88.159, 314.891



3, 25.219, 311.187

Inverse Universe

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



64, 30.733, 353.965



74, 44.194, 355.069



77, 42.537, 144.735



40, 4.941, 351.104



35, 61.541, 12.574



4, 18.997, 0.342

Previews

White Background



This preview shows how the CIELCh color 63, 41.876, 314.451 looks on a white background.

Color Contrast Check

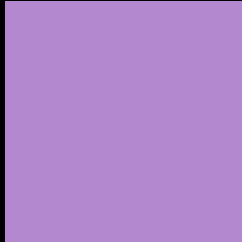
Large Text (above 18pt) WCAG AA × Fail

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, 41.876, 314.451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

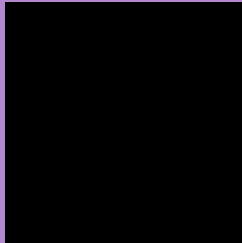
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 41.876, 314.451

Background



This preview shows how black text looks on a background with the CIELCh color 63, 41.876, 314.451.

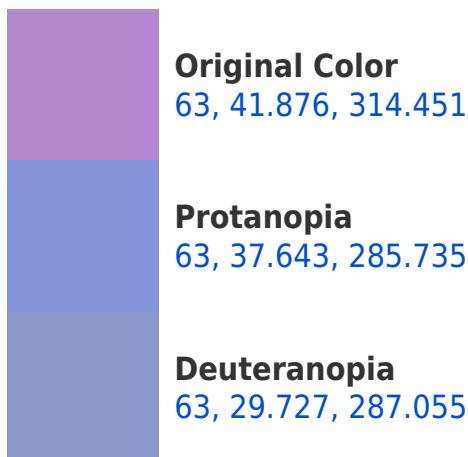


This preview shows how white text looks on a background with the CIELCh color 63, 41.876, 314.451.

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, 11.481, 348.288

Trichromacy



Original Color
63, 41.876, 314.451

Protanomaly
63, 38.160, 296.064

Deuteranomaly
63, 33.282, 298.770

Tritanomaly
63, 22.005, 324.604

Monochromacy



Original Color
63, 41.876, 314.451

Achromatopsia
65, 0.008, 296.813

Achromatomaly
64, 15.749, 313.607

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 41.876, 314.451 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, 136, 206)` looks like.

```
.text, #text, p{  
    color:rgb(179, 136, 206)  
}
```

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, 136, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 136, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 41.876, 314.451 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, 136, 206) }
```

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

```
.border{ border-color:rgb(179, 136, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 136, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 136, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 136, 206);  
box-shadow:4px 4px 4px 4px rgb(179, 136,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 41.876, 314.451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 136, 206) }
```

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

```
.background{ background-color: rgb(179,  
136, 206) }
```

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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