

Converting Colors

CIELCh(64, 55.100, 315.157)

Have a look what the booklet for
CIELCh(64, 55.100, 315.157)
contains.

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Color

CIELCh(64, 54.991, 315.087)

Conversions

Conversions Part 1

Format	Color
Hex	BE84E1
RGB	190, 132, 225
RGB Percent	75%, 52%, 88%
CMY	0.2557, 0.4830, 0.1184
CMYK	0.16, 0.41, 0.00, 0.12
HSL	277°, 61%, 70%
HSV	277°, 41%, 88%
XYZ	42.9779, 32.8017, 75.1616
YIQ	159.9440, 4.7150, 41.2190

Conversions

Conversions Part 2

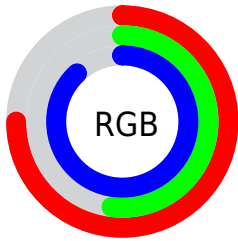
Format	Color
RYB	190, 132, 225
Decimal	12485857
CIELab	64.00, 38.94, -38.83
CIElCh	64, 54.991, 315.087
Yxy	32.8017, 0.2847, 0.2173
Android (android.graphics.Color)	4290675937 (0xFFBE84E1)
YUV	159.9440, 32.0726, 26.3591
Hunter-Lab	57.2727, 33.7204, -37.7180

Details

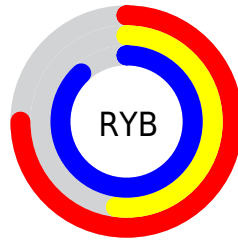
The CIELCh color $64, 54.991, 315.087$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $84, 52.748, 131.307$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 42.095, 322.989$, and $44, 54.792, 315.173$ is the 20% darker color. If you saturate the color by 10%, you get $58, 68.223, 315.493$, and if you desaturate by 10%, it is $70, 41.491, 314.640$.

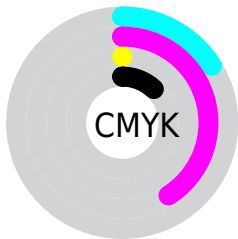
Distribution



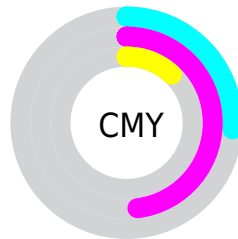
- Red (75%)
- Green (52%)
- Blue (88%)



- Red (75%)
- Yellow (52%)
- Blue (88%)



- Cyan (16%)
- Magenta (41%)
- Yellow (0%)
- Black (12%)





- Cyan (26%)
- Magenta (48%)
- Yellow (12%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 54.991, 315.087 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 64, 54.991, 315.087 by changing the saturation by 10% instead.

 64, 54.991,
315.087

 64, 54.991,
315.087


 100, 54.991,
315.087


 54, 54.991,
315.087


 84, 54.991,
315.087

 44, 54.991,
315.087

 94, 54.991,
315.087

 34, 54.991,
315.087

 24, 54.991,
315.087

 14, 54.991,
315.087

 4, 54.991, 315.087

 0, 54.991, 315.087

64, 54.991,
315.087

64, 54.991,
315.087

58, 68.223,
315.493

70, 41.491,
314.640

53, 80.751,
315.809

76, 28.015,
314.182

48, 91.951,
315.972

82, 14.736,
313.731

44, 101.061,
315.901

89, 1.752, 313.224

41, 107.359,
315.513

95, 10.887,
132.948

40, 110.618,
314.932

98, 16.214,
127.750

99, 15.454,
117.081

99, 15.275,
109.023

Harmonies

Complementary

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



64, 54.991, 315.087



84, 52.748, 131.307

Rectangle

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



64, 54.991, 315.087



64, 54.991, 5.087



64, 54.991, 135.087



64, 54.991, 185.087

Sweetspot

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



64, 54.989, 315.087



92, 17.254, 313.764



68, 32.868, 274.158



48, 11.462, 313.822



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 54.989, 315.087



66, 73.594, 315.455



67, 54.553, 330.245



44, 7.337, 313.646



30, 91.995, 315.106



4, 34.346, 314.968

Inverse Universe

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



66, 40.095, 355.713



69, 53.491, 357.283



82, 54.630, 144.453



44, 5.316, 351.708



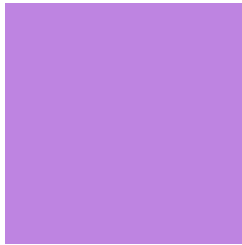
37, 64.495, 13.741



6, 25.580, 3.249

Previews

White Background



This preview shows how the CIELCh color 64, 54.991, 315.087 looks on a white background.

Color Contrast Check

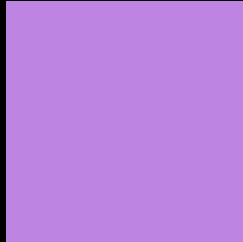
Large Text (above 18pt) WCAG AA × Fail

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 64, 54.991, 315.087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

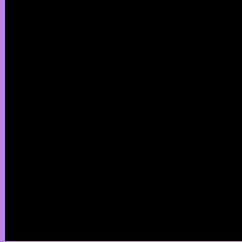
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 54.991, 315.087

Background



This preview shows how black text looks on a background with the CIELCh color 64, 54.991, 315.087.

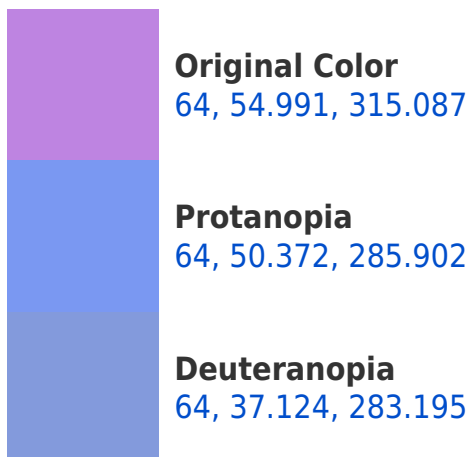


This preview shows how white text looks on a background with the CIELCh color 64, 54.991, 315.087.

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
64, 14.461, 353.467

Trichromacy



Original Color
64, 54.991, 315.087

Protanomaly
64, 50.801, 295.986

Deuteranomaly
64, 42.551, 297.046

Tritanomaly
64, 27.590, 326.329

Monochromacy



Original Color
64, 54.991, 315.087

Achromatopsia
66, 0.008, 296.813

Achromatomaly
65, 20.499, 313.845

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 54.991, 315.087 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(190, 132, 225)` looks like.

```
.text, #text, p{  
    color:rgb(190, 132, 225)  
}
```

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(190, 132, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 132, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 54.991, 315.087 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(190, 132, 225) }
```

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

```
.border{ border-color:rgb(190, 132, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 132, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 132, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 132, 225);  
box-shadow:4px 4px 4px 4px rgb(190, 132,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 54.991, 315.087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 132, 225) }
```

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

```
.background{ background-color: rgb(190,  
132, 225) }
```

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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