

Converting Colors

CIELCh(54, 64.422, 315.589)

Have a look what the booklet for
CIELCh(54, 64.422, 315.589)
contains.

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Color

CIELCh(54, 64.779, 315.691)

Conversions

Conversions Part 1

Format	Color
Hex	A864D0
RGB	168, 100, 208
RGB Percent	66%, 39%, 82%
CMY	0.3414, 0.6080, 0.1845
CMYK	0.19, 0.52, 0.00, 0.18
HSL	278°, 53%, 60%
HSV	278°, 52%, 82%
XYZ	32.0672, 21.9746, 62.1899
YIQ	132.6440, 5.8600, 48.0040

Conversions

Conversions Part 2

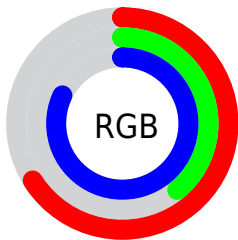
Format	Color
RYB	168, 100, 208
Decimal	11035856
CIELab	54.00, 46.35, -45.25
CIELCh	54, 64.779, 315.691
Yxy	21.9746, 0.2759, 0.1891
Android (android.graphics.Color)	4289225936 (0xFFA864D0)
YUV	132.6440, 37.1505, 31.0072
Hunter-Lab	46.8770, 40.0719, -45.8438

Details

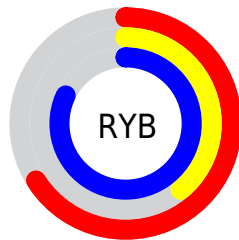
The CIELCh color **54, 64.779, 315.691** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **77, 61.576, 130.999**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 59.665, 317.641**, and **34, 64.845, 315.667** is the 20% darker color. If you saturate the color by 10%, you get **49, 76.488, 315.998**, and if you desaturate by 10%, it is **59, 52.379, 315.294**.

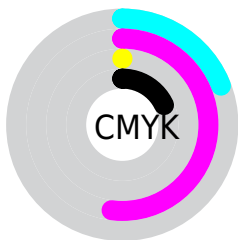
Distribution



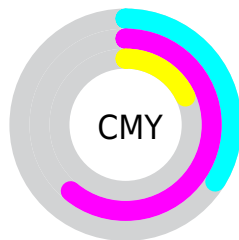
- Red (66%)
- Green (39%)
- Blue (82%)



- Red (66%)
- Yellow (39%)
- Blue (82%)



- Cyan (19%)
- Magenta (52%)
- Yellow (0%)
- Black (18%)





- Cyan (34%)
- Magenta (61%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 64.779, 315.691 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 54, 64.779, 315.691 by changing the saturation by 10% instead.


 54, 64.779,
315.691


 54, 64.779,
315.691


 100, 64.779,
315.691


 44, 64.779,
315.691


 74, 64.779,
315.691

 34, 64.779,
315.691

 84, 64.779,
315.691

 24, 64.779,
315.691

 94, 64.779,
315.691

 14, 64.779,
315.691

 4, 64.779, 315.691

 0, 64.779, 315.691

54, 64.779,
315.691

54, 64.779,
315.691

49, 76.488,
315.998

59, 52.379,
315.294

45, 86.927,
316.150

65, 39.711,
314.853

41, 95.387,
316.070

71, 27.048,
314.399

38, 101.211,
315.677

76, 14.558,
313.952

37, 104.157,
315.156

82, 2.337, 313.473

88, 9.565, 133.170

94, 21.126,
132.803

97, 25.669,
129.652

■ 98, 24.733,
123.703

Harmonies

Complementary

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



54, 64.779, 315.691



77, 61.576, 130.999

Rectangle

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



54, 64.779, 315.691



54, 64.779, 5.691



54, 64.779, 135.691



54, 64.779, 185.691

Sweetspot

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



54, 64.777, 315.691



89, 23.144, 314.141



58, 38.927, 276.829



46, 15.661, 314.234



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



54, 64.777, 315.691



59, 90.242, 316.017



58, 63.032, 330.857



41, 6.933, 313.840



29, 88.888, 315.313



3, 27.671, 312.822

Inverse Universe

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



56, 46.927, 357.968



63, 64.911, 0.371



75, 63.490, 143.258



41, 4.997, 352.086



35, 62.471, 14.116



5, 20.819, 1.814

Previews

White Background



This preview shows how the CIELCh color 54, 64.779, 315.691 looks on a white background.

Color Contrast Check

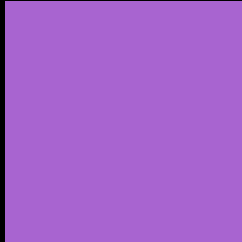
Large Text (above 18pt) WCAG AA ✓ Pass

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 54, 64.779, 315.691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

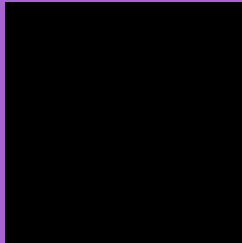
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 64.779, 315.691

Background



This preview shows how black text looks on a background with the CIELCh color 54, 64.779, 315.691.

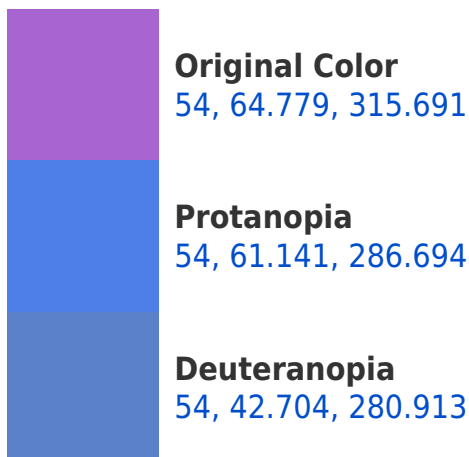


This preview shows how white text looks on a background with the CIELCh color 54, 64.779, 315.691.

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
54, 15.115, 1.292

Trichromacy



Original Color
54, 64.779, 315.691

Protanomaly
53, 60.996, 295.589

Deuteranomaly
53, 49.685, 296.256

Tritanomaly
54, 31.219, 327.199

Monochromacy



Original Color
54, 64.779, 315.691

Achromatopsia
56, 0.007, 296.813

Achromatomaly
54, 24.386, 314.859

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 64.779, 315.691 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(168, 100, 208)` looks like.

```
.text, #text, p{  
    color:rgb(168, 100, 208)  
}
```

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(168, 100, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 100, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 64.779, 315.691 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(168, 100, 208) }
```

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

```
.border{ border-color:rgb(168, 100, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 100, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 100, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 100, 208);  
box-shadow:4px 4px 4px 4px rgb(168, 100,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 64.779, 315.691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 100, 208) }
```

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

```
.background{ background-color: rgb(168,  
100, 208) }
```

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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