

Converting Colors

CIELCh(54, 53.004, 317.551)

Have a look what the booklet for
CIELCh(54, 53.004, 317.551)
contains.

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Color

CIELCh(54, 53.004, 317.551)

Conversions

Conversions Part 1	
Format	Color
Hex	A569BF
RGB	165, 105, 191
RGB Percent	65%, 41%, 75%
CMY	0.3517, 0.5870, 0.2497
CMYK	0.14, 0.45, 0.00, 0.25
HSL	282°, 40%, 58%
HSV	282°, 45%, 75%
XYZ	30.1065, 21.9746, 52.1329
YIQ	132.7440, 8.1540, 39.4660

Conversions

Conversions Part 2

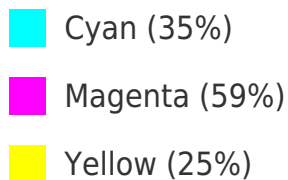
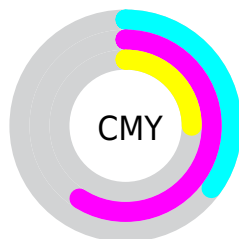
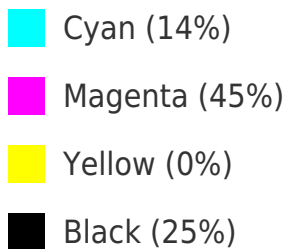
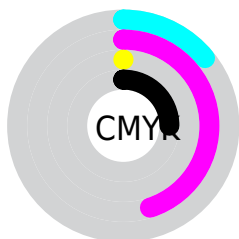
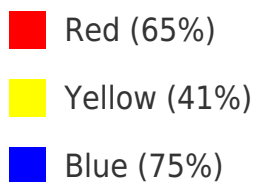
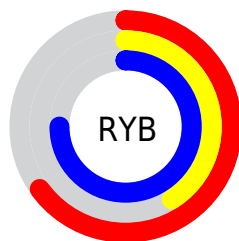
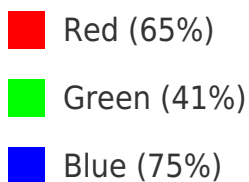
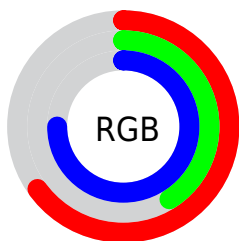
Format	Color
RYB	165, 105, 191
Decimal	10840511
CIELab	54.00, 39.11, -35.77
CIELCh	54, 53.004, 317.551
Yxy	21.9746, 0.2889, 0.2109
Android (android.graphics.Color)	4289030591 (0xFFA569BF)
YUV	132.7440, 28.7202, 28.2885
Hunter-Lab	46.8770, 32.6056, -33.1237

Details

The CIELCh color **54, 53.004, 317.551** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **72, 51.277, 133.416**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 52.854, 317.300**, and **34, 53.061, 317.526** is the 20% darker color. If you saturate the color by 10%, you get **49, 64.338, 317.891**, and if you desaturate by 10%, it is **59, 41.207, 317.148**.


Distribution





Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 53.004, 317.551 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, 53.004, 317.551 by changing the saturation by 10% instead.


 54, 53.004,
317.551


 54, 53.004,
317.551


 100, 53.004,
317.551


 44, 53.004,
317.551


 74, 53.004,
317.551

 34, 53.004,
317.551

 84, 53.004,
317.551


 24, 53.004,
317.551


 94, 53.004,
317.551


 14, 53.004,
317.551


 4, 53.004, 317.551


 0, 53.004, 317.551

 54, 53.004,
317.551


 54, 53.004,
317.551


 49, 64.338,
317.891


 59, 41.207,
317.148

 45, 74.769,
318.123


 64, 29.269,
316.717

 41, 83.726,
318.187


 69, 17.394,
316.279


 39, 90.600,
318.019


 75, 5.710, 315.835


 36, 94.941,
317.561


 80, 5.710, 135.494

 86, 16.827,
135.099

 36, 96.532,
317.269

 91, 27.626,
134.750

 96, 36.115,
133.990

 96, 35.191,
131.050

Harmonies

Complementary

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



54, 53.004, 317.551



72, 51.277, 133.416

Rectangle

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



54, 53.004, 317.551



54, 53.004, 7.551



54, 53.004, 137.551



54, 53.004, 187.551

Sweetspot

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



54, 53.002, 317.551



90, 18.743, 316.202



56, 34.298, 280.175



46, 13.141, 316.300



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



54, 53.002, 317.551



64, 78.532, 317.889



56, 49.485, 332.836



38, 6.623, 316.034



29, 84.751, 317.393



3, 21.195, 313.049

Inverse Universe

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



55, 37.286, 1.473



66, 55.518, 3.502



71, 49.489, 146.156



38, 4.524, 356.626



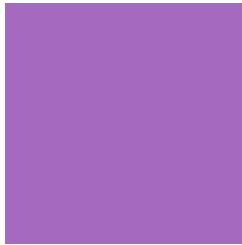
33, 61.794, 20.241



3, 14.623, 3.365

Previews

White Background



This preview shows how the CIELCh color 54, 53.004, 317.551 looks on a white background.

Color Contrast Check

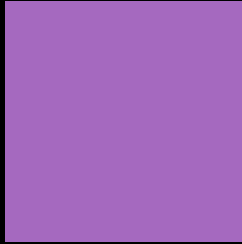
Large Text (above 18pt) WCAG AA ✓ Pass

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, 53.004, 317.551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

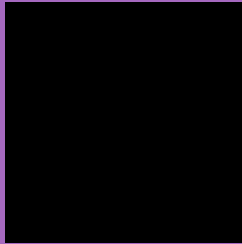
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 53.004, 317.551

Background



This preview shows how black text looks on a background with the CIELCh color 54, 53.004, 317.551.



This preview shows how white text looks on a background with the CIELCh color 54, 53.004, 317.551.

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

54, 53.004, 317.551

Protanopia

54, 47.974, 285.918

Deuteranopia

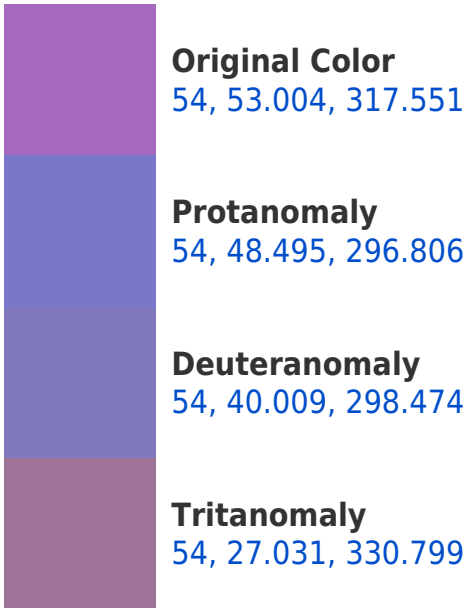
54, 34.306, 283.349



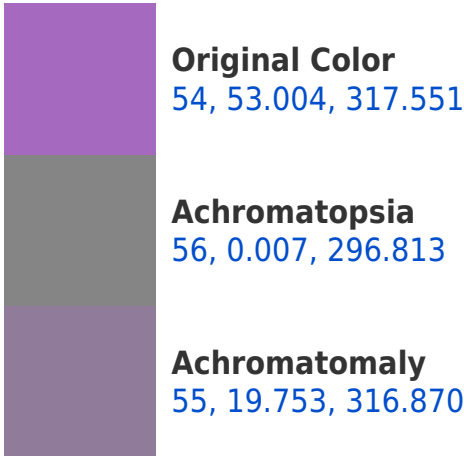
Tritanopia

54, 15.504, 1.874

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 53.004, 317.551 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(165, 105, 191)` looks like.

```
.text, #text, p{  
    color:rgb(165, 105, 191)  
}
```

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(165, 105, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 105, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 53.004, 317.551 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(165, 105, 191) }
```

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

```
.border{ border-color:rgb(165, 105, 191) }
```

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

Here you see how a box with a 4 pixel rgb(165, 105, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 105, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 105, 191);  
box-shadow:4px 4px 4px 4px rgb(165, 105,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 53.004, 317.551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 105, 191) }
```

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

```
.background{ background-color: rgb(165,  
105, 191) }
```

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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