

Converting Colors

CIELCh(54, 50.445, 320.657)

Have a look what the booklet for
CIELCh(54, 50.445, 320.657)
contains.

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Color

CIELCh(54, 50.484, 320.669)

Conversions

Conversions Part 1

Format	Color
Hex	A969B9
RGB	169, 105, 185
RGB Percent	66%, 41%, 73%
CMY	0.3380, 0.5889, 0.2753
CMYK	0.09, 0.43, 0.00, 0.28
HSL	288°, 36%, 57%
HSV	288°, 43%, 72%
XYZ	30.0902, 21.9746, 48.4475
YIQ	133.2560, 12.4640, 38.4480

Conversions

Conversions Part 2

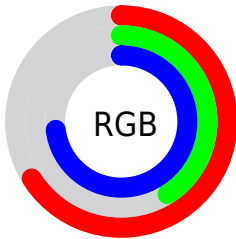
Format	Color
R _Y B	169, 105, 185
Decimal	11102649
CIE Lab	54.00, 39.05, -32.00
CIE LCh	54, 50.484, 320.669
Yxy	21.9746, 0.2994, 0.2186
Android (android.graphics.Color)	4289292729 (0xFFA969B9)
YUV	133.2560, 25.5098, 31.3475
Hunter-Lab	46.8770, 32.5438, -28.4624

Details

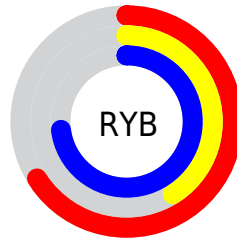
The CIELCh color $54, 50.484, 320.669$ is a light color, and the websafe version is hex `9966CC`. A complement of this color would be $69, 49.586, 136.380$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 50.195, 320.932$, and $34, 50.728, 320.466$ is the 20% darker color. If you saturate the color by 10%, you get $50, 61.485, 321.012$, and if you desaturate by 10%, it is $59, 38.933, 320.265$.

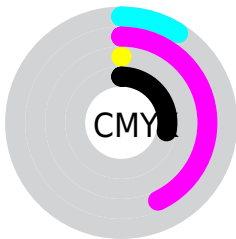
Distribution



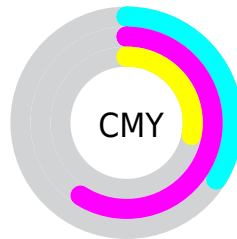
- Red (66%)
- Green (41%)
- Blue (73%)



- Red (66%)
- Yellow (41%)
- Blue (73%)



- Cyan (9%)
- Magenta (43%)
- Yellow (0%)
- Black (28%)



- Cyan (34%)
- Magenta (59%)
- Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 50.484, 320.669 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, 50.484, 320.669 by changing the saturation by 10% instead.

 54, 50.484,
320.669

 54, 50.484,
320.669

 100, 50.484,
320.669

 44, 50.484,
320.669

 74, 50.484,
320.669

 34, 50.484,
320.669

 84, 50.484,
320.669

 24, 50.484,
320.669

 94, 50.484,
320.669

 14, 50.484,
320.669

 4, 50.484, 320.669

 0, 50.484, 320.669

54, 50.484,
320.669

54, 50.484,
320.669

50, 61.485,
321.012

59, 38.933,
320.265

46, 71.508,
321.259

63, 27.161,
319.829

43, 80.032,
321.367

68, 15.392,
319.379

40, 86.537,
321.290

73, 3.771, 318.901

79, 7.613, 138.554

38, 90.669,
320.992

84, 18.710,
138.137

37, 92.467,
320.703

89, 29.497,
137.756

94, 39.966,
137.405

■ 95, 40.679,
136.038

Harmonies

Complementary

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



54, 50.484, 320.669



69, 49.586, 136.380

Rectangle

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



54, 50.484, 320.669



54, 50.484, 10.669



54, 50.484, 140.669



54, 50.484, 190.669

Sweetspot

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



54, 50.482, 320.669



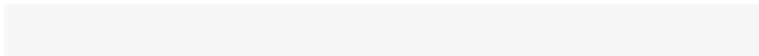
87, 18.613, 319.376



52, 36.485, 286.228



45, 13.039, 319.476



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



54, 50.482, 320.669



64, 74.177, 320.999



55, 43.414, 336.796



36, 6.510, 319.199



31, 81.381, 320.795



2, 17.227, 316.297

Inverse Universe

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



54, 34.186, 8.738



64, 51.192, 10.753



69, 43.036, 149.822



36, 4.139, 4.043



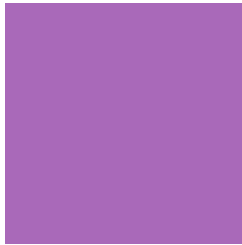
32, 63.806, 28.653



2, 10.906, 7.431

Previews

White Background



This preview shows how the CIELCh color 54, 50.484, 320.669 looks on a white background.

Color Contrast Check

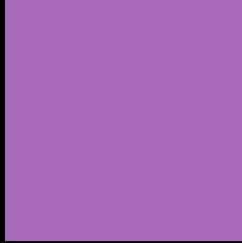
Large Text (above 18pt) WCAG AA ✓ Pass

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, 50.484, 320.669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

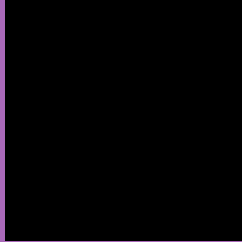
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 50.484, 320.669

Background



This preview shows how black text looks on a background with the CIELCh color 54, 50.484, 320.669.

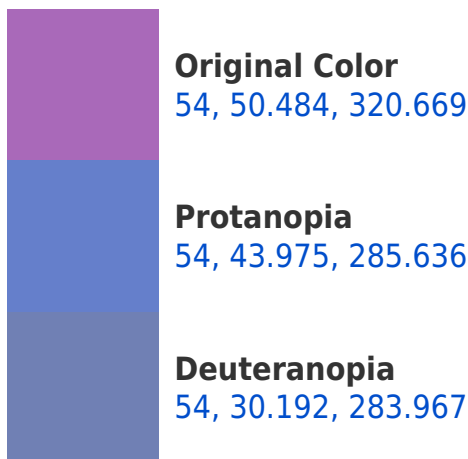


This preview shows how white text looks on a background with the CIELCh color 54, 50.484, 320.669.

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, 18.327, 5.360

Trichromacy



Original Color
54, 50.484, 320.669

Protanomaly
54, 44.575, 298.097

Deuteranomaly
54, 36.181, 301.186

Tritanomaly
54, 27.985, 337.097

Monochromacy



Original Color
54, 50.484, 320.669

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 18.898, 319.419

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 50.484, 320.669 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(169, 105, 185)` looks like.

```
.text, #text, p{  
    color:rgb(169, 105, 185)  
}
```

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(169, 105, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 105, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 50.484, 320.669 is called "border". The border property can be set on classes, ids or directly on the HTML element.

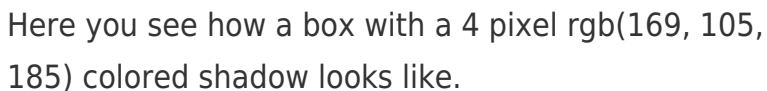
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 105, 185) }
```

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

```
.border{ border-color:rgb(169, 105, 185) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 105, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 105, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 105, 185);  
box-shadow:4px 4px 4px 4px rgb(169, 105,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 50.484, 320.669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 105, 185) }
```

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

```
.background{ background-color: rgb(169,  
105, 185) }
```

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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