

Converting Colors

CIELCh(54, 42.798, 331.913)

Have a look what the booklet for
CIELCh(54, 42.798, 331.913)
contains.

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Color

CIELCh(54, 42.805, 331.929)

Conversions

Conversions Part 1

Format	Color
Hex	B068A4
RGB	176, 104, 164
RGB Percent	69%, 41%, 64%
CMY	0.3079, 0.5904, 0.3550
CMYK	0.00, 0.41, 0.07, 0.31
HSL	310°, 31%, 55%
HSV	310°, 41%, 69%
XYZ	29.7525, 21.9746, 38.0168
YIQ	132.3680, 23.6520, 33.9240

Conversions

Conversions Part 2

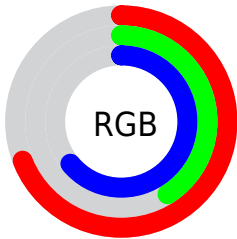
Format	Color
R_{YB}	176, 104, 164
Decimal	11561124
CIE _{Lab}	54.00, 37.77, -20.14
CIE _{LCh}	54, 42.805, 331.929
Yxy	21.9746, 0.3315, 0.2449
Android (android.graphics.Color)	4289751204 (0xFFB068A4)
YUV	132.3680, 15.5946, 38.2653
Hunter-Lab	46.8770, 31.2579, -15.2697

Details

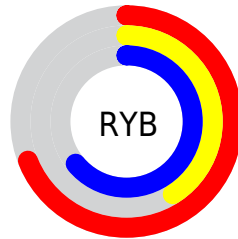
The CIELCh color $54, 42.805, 331.929$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $66, 42.765, 146.117$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 42.646, 332.063$, and $34, 42.730, 332.044$ is the 20% darker color. If you saturate the color by 10%, you get $50, 52.389, 332.585$, and if you desaturate by 10%, it is $58, 32.568, 331.283$.

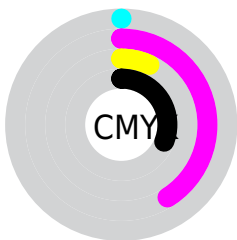
Distribution



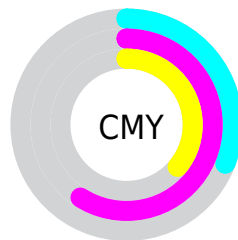
- Red (69%)
- Green (41%)
- Blue (64%)



- Red (69%)
- Yellow (41%)
- Blue (64%)



- Cyan (0%)
- Magenta (41%)
- Yellow (7%)
- Black (31%)




- Cyan (31%)
- Magenta (59%)
- Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 42.805, 331.929 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, 42.805, 331.929 by changing the saturation by 10% instead.


 54, 42.805,
331.929

 54, 42.805,
331.929


 100, 42.805,
331.929


 44, 42.805,
331.929


 74, 42.805,
331.929

 34, 42.805,
331.929

 84, 42.805,
331.929

 24, 42.805,
331.929

 94, 42.805,
331.929

 14, 42.805,
331.929

 4, 42.805, 331.929

 0, 42.805, 331.929

54, 42.805,
331.929

54, 42.805,
331.929

50, 52.389,
332.585

58, 32.568,
331.283

47, 60.913,
333.250

62, 22.017,
330.647

44, 67.919,
333.932

67, 11.392,
330.019

42, 72.993,
334.645

72, 0.859, 329.128

41, 75.893,
335.412


76, 9.477, 148.900

40, 77.018,
336.172

81, 19.554,
148.335

86, 29.344,
147.806

91, 38.834,
147.306

 94, 43.189,
147.624

Harmonies

Complementary

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



54, 42.805, 331.929



66, 42.765, 146.117

Rectangle

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



54, 42.805, 331.929



54, 42.805, 21.929



54, 42.805, 151.929



54, 42.805, 201.929

Sweetspot

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



54, 42.803, 331.929



84, 15.661, 330.107



48, 42.712, 300.569



44, 10.384, 330.186



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



54, 42.803, 331.929



65, 62.677, 332.521



53, 31.956, 358.495



35, 6.015, 329.925



35, 69.422, 336.067



2, 13.747, 331.932

Inverse Universe

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



54, 42.803, 331.929



65, 62.677, 332.521



67, 28.747, 169.504



35, 6.015, 329.925



35, 69.422, 336.067



2, 13.747, 331.932

Previews

White Background



This preview shows how the CIELCh color 54, 42.805, 331.929 looks on a white background.

Color Contrast Check

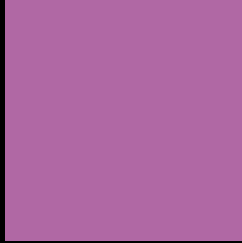
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 54, 42.805, 331.929 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

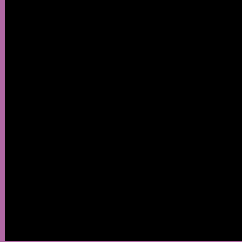
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 42.805, 331.929

Background



This preview shows how black text looks on a background with the CIELCh color 54, 42.805, 331.929.

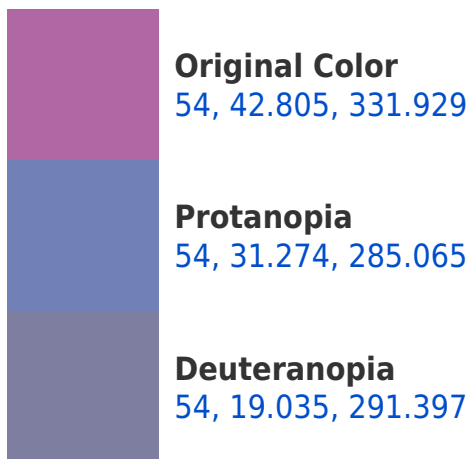


This preview shows how white text looks on a background with the CIELCh color 54, 42.805, 331.929.

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, 24.610, 10.509

Trichromacy



Original Color
54, 42.805, 331.929

Protanomaly
54, 33.591, 303.946

Deuteranomaly
54, 26.562, 313.014

Tritanomaly
54, 29.203, 351.467

Monochromacy



Original Color
54, 42.805, 331.929

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 15.774, 331.308

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 42.805, 331.929 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(176, 104, 164)` looks like.

```
.text, #text, p{  
    color:rgb(176, 104, 164)  
}
```

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(176, 104, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 104, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 42.805, 331.929 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(176, 104, 164) }
```

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

```
.border{ border-color:rgb(176, 104, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 104, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 104, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 104, 164);  
box-shadow:4px 4px 4px 4px rgb(176, 104,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 42.805, 331.929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 104, 164) }
```

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

```
.background{ background-color: rgb(176,  
104, 164) }
```

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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