

Converting Colors

CIELCh(54, 49.483, 330.251)

Have a look what the booklet for
CIELCh(54, 49.483, 330.251)
contains.

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Color

CIELCh(54, 49.467, 330.222)

Conversions

Conversions Part 1

Format	Color
Hex	B564AC
RGB	181, 100, 172
RGB Percent	71%, 39%, 67%
CMY	0.2895, 0.6072, 0.3248
CMYK	0.00, 0.45, 0.05, 0.29
HSL	307°, 35%, 55%
HSV	307°, 45%, 71%
XYZ	31.1314, 21.9746, 41.7139
YIQ	132.4270, 25.1640, 39.5640

Conversions

Conversions Part 2

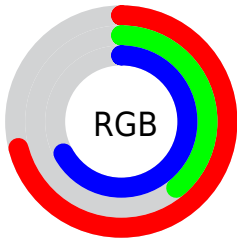
Format	Color
R _Y B	181, 100, 172
Decimal	11887788
CIE Lab	54.00, 42.94, -24.57
CIE LCh	54, 49.467, 330.222
Yxy	21.9746, 0.3283, 0.2318
Android (android.graphics.Color)	4290077868 (0xFFB564AC)
YUV	132.4270, 19.5095, 42.5985
Hunter-Lab	46.8770, 36.5084, -19.9458

Details

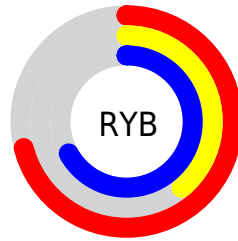
The CIELCh color $54, 49.467, 330.222$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $67, 49.599, 143.992$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 49.607, 329.945$, and $34, 49.151, 330.330$ is the 20% darker color. If you saturate the color by 10%, you get $50, 59.225, 330.795$, and if you desaturate by 10%, it is $58, 38.850, 329.636$.

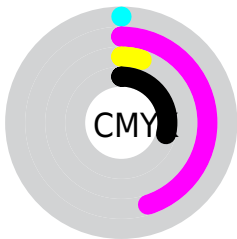
Distribution



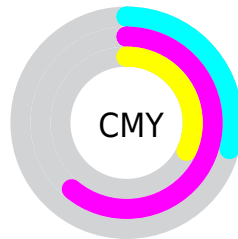
- Red (71%)
- Green (39%)
- Blue (67%)



- Red (71%)
- Yellow (39%)
- Blue (67%)



- Cyan (0%)
- Magenta (45%)
- Yellow (5%)
- Black (29%)



- Cyan (29%)
- Magenta (61%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 49.467, 330.222 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, 49.467, 330.222 by changing the saturation by 10% instead.

 54, 49.467,
330.222

 54, 49.467,
330.222

 100, 49.467,
330.222

 44, 49.467,
330.222

 74, 49.467,
330.222

 34, 49.467,
330.222

 84, 49.467,
330.222

 24, 49.467,
330.222

 94, 49.467,
330.222

 14, 49.467,
330.222

 4, 49.467, 330.222

 0, 49.467, 330.222

54, 49.467,
330.222

54, 49.467,
330.222

50, 59.225,
330.795

58, 38.850,
329.636

47, 67.678,
331.350

62, 27.762,
329.042

45, 74.368,
331.885

67, 16.495,
328.447

43, 78.935,
332.408

71, 5.255, 327.834

42, 81.258,
332.932

76, 5.820, 147.365

42, 81.954,
333.211

81, 16.645,
146.791

86, 27.175,
146.263

91, 37.389,
145.764

■ 94, 42.458,
145.875

Harmonies

Complementary

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



54, 49.467, 330.222



67, 49.599, 143.992

Rectangle

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



54, 49.467, 330.222



54, 49.467, 20.222



54, 49.467, 150.222



54, 49.467, 200.222

Sweetspot

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



54, 49.465, 330.222



85, 17.967, 328.358



47, 48.088, 299.132



44, 12.574, 328.488



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



54, 49.465, 330.222



65, 72.077, 330.806



53, 36.715, 354.560



36, 6.402, 328.125



36, 73.303, 333.146



3, 16.801, 329.458

Inverse Universe

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



54, 49.465, 330.222



65, 72.077, 330.806



68, 33.691, 164.749



36, 6.402, 328.125



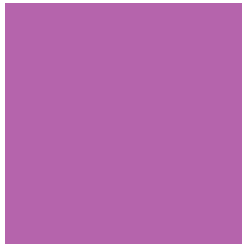
36, 73.303, 333.146



3, 16.801, 329.458

Previews

White Background



This preview shows how the CIELCh color 54, 49.467, 330.222 looks on a white background.

Color Contrast Check

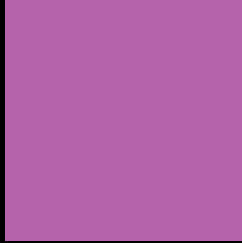
Large Text (above 18pt) WCAG AA ✓ Pass

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, 49.467, 330.222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

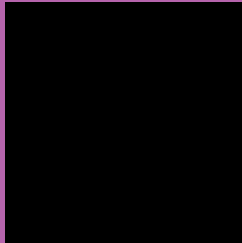
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 49.467, 330.222

Background



This preview shows how black text looks on a background with the CIELCh color 54, 49.467, 330.222.

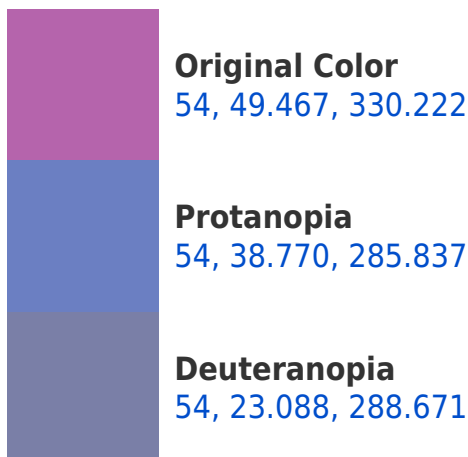


This preview shows how white text looks on a background with the CIELCh color 54, 49.467, 330.222.

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, 26.706, 12.999

Trichromacy



Original Color
54, 49.467, 330.222

Protanomaly
53, 40.416, 302.682

Deuteranomaly
54, 31.668, 311.179

Tritanomaly
54, 32.193, 350.517

Monochromacy



Original Color
54, 49.467, 330.222

Achromatopsia
56, 0.007, 296.813

Achromatomaly
54, 18.935, 329.449

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 49.467, 330.222 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(181, 100, 172)` looks like.

```
.text, #text, p{  
    color:rgb(181, 100, 172)  
}
```

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(181, 100, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 100, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 49.467, 330.222 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(181, 100, 172) }
```

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

```
.border{ border-color:rgb(181, 100, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 100, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 100, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 100, 172);  
box-shadow:4px 4px 4px 4px rgb(181, 100,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 49.467, 330.222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 100, 172) }
```

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

```
.background{ background-color: rgb(181,  
100, 172) }
```

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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