

Converting Colors

CIELCh(54, 46.373, 324.860)

Have a look what the booklet for
CIELCh(54, 46.373, 324.860)
contains.

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Color

CIELCh(54, 46.663, 324.906)

Conversions

Conversions Part 1

Format	Color
Hex	AC69B0
RGB	172, 105, 176
RGB Percent	67%, 41%, 69%
CMY	0.3259, 0.5886, 0.3102
CMYK	0.02, 0.40, 0.00, 0.31
HSL	297°, 31%, 55%
HSV	297°, 40%, 69%
XYZ	29.8606, 21.9746, 43.6915
YIQ	133.1270, 17.1410, 36.2850

Conversions

Conversions Part 2

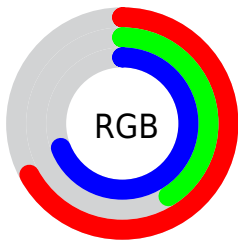
Format	Color
RYB	172, 105, 176
Decimal	11299248
CIELab	54.00, 38.18, -26.83
CIELCh	54, 46.663, 324.906
Yxy	21.9746, 0.3126, 0.2300
Android (android.graphics.Color)	4289489328 (0xFFAC69B0)
YUV	133.1270, 21.1364, 34.0916
Hunter-Lab	46.8770, 31.6694, -22.4471

Details

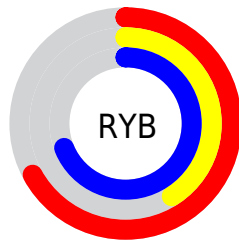
The CIELCh color $54, 46.663, 324.906$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $66, 46.546, 140.165$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 46.630, 325.002$, and $34, 46.563, 324.922$ is the 20% darker color. If you saturate the color by 10%, you get $50, 57.371, 325.326$, and if you desaturate by 10%, it is $58, 35.323, 324.439$.

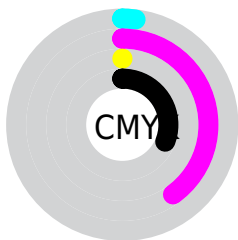
Distribution



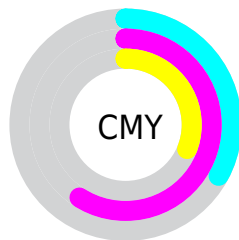
- Red (67%)
- Green (41%)
- Blue (69%)



- Red (67%)
- Yellow (41%)
- Blue (69%)



- Cyan (2%)
- Magenta (40%)
- Yellow (0%)
- Black (31%)




- Cyan (33%)
- Magenta (59%)
- Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 46.663, 324.906 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, 46.663, 324.906 by changing the saturation by 10% instead.

 54, 46.663,
324.906

 54, 46.663,
324.906


 100, 46.663,
324.906

 44, 46.663,
324.906


 74, 46.663,
324.906

 34, 46.663,
324.906

 84, 46.663,
324.906

 24, 46.663,
324.906

 94, 46.663,
324.906

 14, 46.663,
324.906

 4, 46.663, 324.906

 0, 46.663, 324.906

54, 46.663,
324.906

54, 46.663,
324.906

50, 57.371,
325.326

58, 35.323,
324.439

47, 67.040,
325.677

62, 23.688,
323.942

44, 75.209,
325.937

67, 11.998,
323.429

42, 81.457,
326.085

72, 0.419, 322.414

41, 85.521,
326.108

76, 10.940,
142.473

40, 87.740,
326.033

81, 22.016,
141.989

86, 32.777,
141.535

91, 43.209,
141.107

■ 94, 48.538,
140.748

Harmonies

Complementary

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



54, 46.663, 324.906



66, 46.546, 140.165

Rectangle

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



54, 46.663, 324.906



54, 46.663, 14.906



54, 46.663, 144.906



54, 46.663, 194.906

Sweetspot

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



54, 46.661, 324.906



84, 17.274, 323.525



49, 38.961, 292.942



44, 11.454, 323.591



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, 46.661, 324.906



66, 68.080, 325.266



53, 35.427, 343.845



34, 6.477, 323.373



34, 78.196, 326.060



2, 13.500, 322.217

Inverse Universe

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



52, 30.553, 19.090



63, 46.111, 20.676



66, 34.321, 156.439



34, 3.823, 15.346



31, 67.956, 37.153



2, 7.826, 15.584

Previews

White Background



This preview shows how the CIELCh color 54, 46.663, 324.906 looks on a white background.

Color Contrast Check

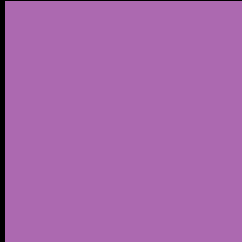
Large Text (above 18pt) WCAG AA ✓ Pass

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, 46.663, 324.906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

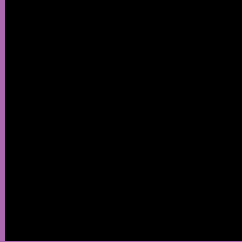
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 46.663, 324.906

Background



This preview shows how black text looks on a background with the CIELCh color 54, 46.663, 324.906.



This preview shows how white text looks on a background with the CIELCh color 54, 46.663, 324.906.

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, 46.663, 324.906

Protanopia
54, 38.770, 285.837

Deuteranopia
54, 26.004, 287.356



Tritanopia
54, 20.811, 7.708

Trichromacy



Original Color
54, 46.663, 324.906



Protanomaly
54, 39.586, 300.369



Deuteranomaly
54, 32.034, 305.641



Tritanomaly
54, 28.347, 342.833

Monochromacy



Original Color
54, 46.663, 324.906



Achromatopsia
56, 0.007, 296.813



Achromatomaly
55, 17.608, 323.196

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 46.663, 324.906 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(172, 105, 176)` looks like.

```
.text, #text, p{  
    color:rgb(172, 105, 176)  
}
```

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(172, 105, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 105, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 46.663, 324.906 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(172, 105, 176) }
```

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

```
.border{ border-color:rgb(172, 105, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 105, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 105, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 105, 176);  
box-shadow:4px 4px 4px 4px rgb(172, 105,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 46.663, 324.906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 105, 176) }
```

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

```
.background{ background-color: rgb(172,  
105, 176) }
```

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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