

Converting Colors

CIELCh(54, 55.747, 323.919)

Have a look what the booklet for
CIELCh(54, 55.747, 323.919)
contains.

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Color

CIELCh(54, 55.731, 324.114)

Conversions

Conversions Part 1

Format	Color
Hex	B263BA
RGB	178, 99, 186
RGB Percent	70%, 39%, 73%
CMY	0.3015, 0.6113, 0.2701
CMYK	0.04, 0.47, 0.00, 0.27
HSL	294°, 39%, 56%
HSV	294°, 47%, 73%
XYZ	31.7361, 21.9746, 49.0893
YIQ	132.5390, 19.1570, 43.8050

Conversions

Conversions Part 2

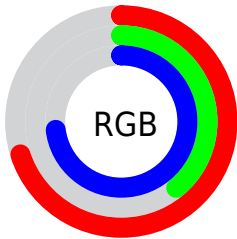
Format	Color
R_{YB}	178, 99, 186
Decimal	11690938
CIE _{Lab}	54.00, 45.15, -32.67
CIE _{LCh}	54, 55.731, 324.114
Yxy	21.9746, 0.3087, 0.2138
Android (android.graphics.Color)	4289881018 (0xFFB263BA)
YUV	132.5390, 26.3563, 39.8693
Hunter-Lab	46.8770, 38.8109, -29.2742

Details

The CIELCh color $54, 55.731, 324.114$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $69, 55.450, 138.777$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 55.576, 324.162$, and $34, 55.287, 324.139$ is the 20% darker color. If you saturate the color by 10%, you get $50, 66.328, 324.469$, and if you desaturate by 10%, it is $58, 44.253, 323.693$.

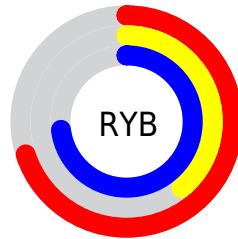
Distribution



Red (70%)

Green (39%)

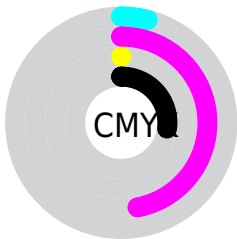
Blue (73%)



Red (70%)

Yellow (39%)

Blue (73%)

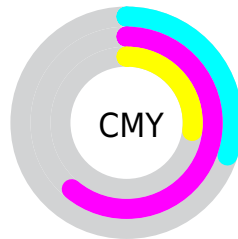


Cyan (4%)

Magenta (47%)

Yellow (0%)

Black (27%)



Cyan (30%)


Magenta (61%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 55.731, 324.114 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, 55.731, 324.114 by changing the saturation by 10% instead.


 54, 55.731,
324.114


 54, 55.731,
324.114


 100, 55.731,
324.114


 44, 55.731,
324.114


 74, 55.731,
324.114

 34, 55.731,
324.114

 84, 55.731,
324.114

 24, 55.731,
324.114

 94, 55.731,
324.114

 14, 55.731,
324.114

 4, 55.731, 324.114

 0, 55.731, 324.114

54, 55.731,
324.114

54, 55.731,
324.114

50, 66.328,
324.469

58, 44.253,
323.693

47, 75.574,
324.731

63, 32.299,
323.231

44, 82.977,
324.873

67, 20.168,
322.744

43, 88.154,
324.872

72, 8.074, 322.240

42, 91.040,
324.722

77, 3.845, 141.846

41, 91.762,
324.661

82, 15.501,
141.336

87, 26.847,
140.886

93, 37.861,
140.463

■ 95, 41.701,
139.910

Harmonies

Complementary

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



54, 55.731, 324.114



69, 55.450, 138.777

Rectangle

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



54, 55.731, 324.114



54, 55.731, 14.114



54, 55.731, 144.114



54, 55.731, 194.114

Sweetspot

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



54, 55.729, 324.114



87, 20.860, 322.620



48, 46.052, 292.817



45, 14.535, 322.727



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



54, 55.729, 324.114



65, 81.050, 324.475



54, 43.543, 342.798



36, 6.718, 322.374



34, 80.358, 324.708



3, 18.001, 320.840

Inverse Universe

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



52, 37.460, 17.631



62, 56.583, 19.974



69, 42.417, 154.112



36, 4.026, 12.494



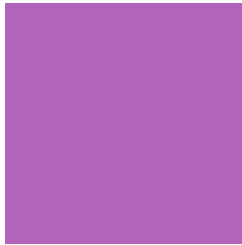
32, 68.397, 35.649



2, 10.703, 13.831

Previews

White Background



This preview shows how the CIELCh color 54, 55.731, 324.114 looks on a white background.

Color Contrast Check

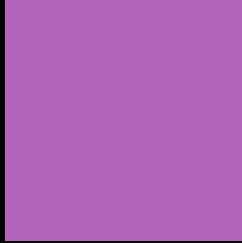
Large Text (above 18pt) WCAG AA ✓ Pass

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, 55.731, 324.114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

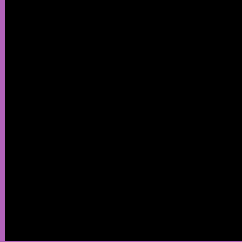
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 55.731, 324.114

Background



This preview shows how black text looks on a background with the CIELCh color 54, 55.731, 324.114.

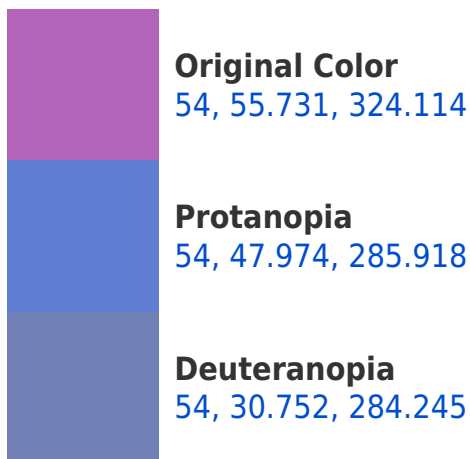


This preview shows how white text looks on a background with the CIELCh color 54, 55.731, 324.114.

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, 23.747, 9.936

Trichromacy



Original Color
54, 55.731, 324.114

Protanomaly
53, 48.664, 298.955

Deuteranomaly
53, 38.821, 303.924

Tritanomaly
54, 32.325, 342.866

Monochromacy



Original Color
54, 55.731, 324.114

Achromatopsia
56, 0.007, 296.813

Achromatomaly
54, 20.825, 322.766

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 55.731, 324.114 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(178, 99, 186)` looks like.

```
.text, #text, p{  
    color:rgb(178, 99, 186)  
}
```

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(178, 99, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 99, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 55.731, 324.114 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(178, 99, 186) }
```

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

```
.border{ border-color:rgb(178, 99, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 99, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 99, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 99, 186);  
box-shadow:4px 4px 4px 4px rgb(178, 99,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 55.731, 324.114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 99, 186) }
```

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

```
.background{ background-color: rgb(178, 99,  
186) }
```

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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