

Converting Colors

CIELCh(54, 79.836, 324.803)

Have a look what the booklet for
CIELCh(54, 79.836, 324.803)
contains.

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Color

CIELCh(54, 79.965, 324.719)

Conversions

Conversions Part 1

Format	Color
Hex	C64DD2
RGB	198, 77, 210
RGB Percent	78%, 30%, 82%
CMY	0.2234, 0.6979, 0.1764
CMYK	0.06, 0.63, 0.00, 0.18
HSL	295°, 60%, 56%
HSV	295°, 63%, 82%
XYZ	37.5866, 21.9746, 63.2492
YIQ	128.3410, 29.4230, 67.0150

Conversions

Conversions Part 2

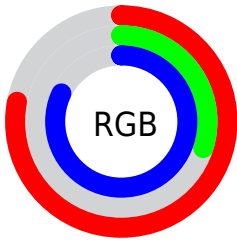
Format	Color
RYB	198, 77, 210
Decimal	12996050
CIELab	54.00, 65.28, -46.19
CIELCh	54, 79.965, 324.719
Yxy	21.9746, 0.3061, 0.1789
Android (android.graphics.Color)	4291186130 (0xFFC64DD2)
YUV	128.3410, 40.2579, 61.0909
Hunter-Lab	46.8770, 61.0889, -47.1835

Details

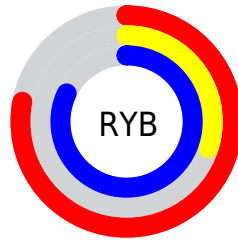
The CIELCh color **54, 79.965, 324.719** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **75, 80.049, 137.309**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 74.678, 326.966**, and **34, 79.986, 324.756** is the 20% darker color. If you saturate the color by 10%, you get **51, 88.758, 324.901**, and if you desaturate by 10%, it is **58, 69.269, 324.423**.

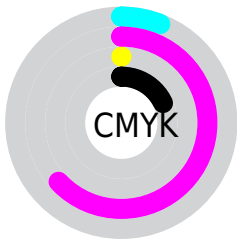
Distribution



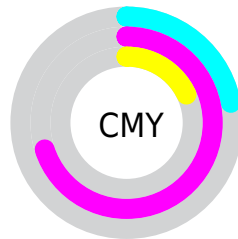
- Red (78%)
- Green (30%)
- Blue (82%)



- Red (78%)
- Yellow (30%)
- Blue (82%)



- Cyan (6%)
- Magenta (63%)
- Yellow (0%)
- Black (18%)





- Cyan (22%)
- Magenta (70%)
- Yellow (18%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 79.965, 324.719 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, 79.965, 324.719 by changing the saturation by 10% instead.


 54, 79.965,
324.719

 54, 79.965,
324.719


 100, 79.965,
324.719


 44, 79.965,
324.719


 74, 79.965,
324.719

 34, 79.965,
324.719

 84, 79.965,
324.719

 24, 79.965,
324.719

 94, 79.965,
324.719

 14, 79.965,
324.719

 4, 79.965, 324.719

 0, 79.965, 324.719

54, 79.965,
324.719

54, 79.965,
324.719

51, 88.758,
324.901

58, 69.269,
324.423

49, 95.176,
324.945

62, 57.232,
324.042

47, 98.985,
324.836

67, 44.364,
323.601

47, 100.421,
324.697

72, 31.078,
323.124

77, 17.681,
322.628

82, 4.383, 322.095

88, 8.682, 141.698

94, 21.434,
141.218

■ 96, 27.158,
140.407

Harmonies

Complementary

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



54, 79.965, 324.719



75, 80.049, 137.309

Rectangle

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



54, 79.965, 324.719



54, 79.965, 14.719



54, 79.965, 144.719



54, 79.965, 194.719

Sweetspot

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



54, 79.963, 324.719



88, 29.599, 322.922



44, 71.105, 296.761



45, 20.390, 323.065



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



54, 79.963, 324.719



60, 105.701, 324.934



53, 62.280, 345.014



41, 7.483, 322.430



37, 85.147, 324.750



5, 30.352, 324.486

Inverse Universe

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



52, 57.418, 22.047



57, 80.707, 26.869



76, 61.321, 151.635



41, 4.483, 12.643



35, 72.800, 36.024



4, 20.047, 15.264

Previews

White Background



This preview shows how the CIELCh color 54, 79.965, 324.719 looks on a white background.

Color Contrast Check

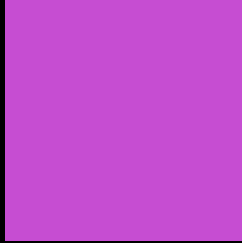
Large Text (above 18pt) WCAG AA ✓ Pass

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, 79.965, 324.719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

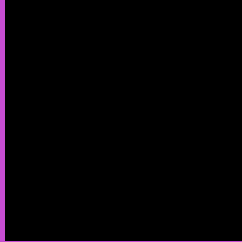
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 79.965, 324.719

Background



This preview shows how black text looks on a background with the CIELCh color 54, 79.965, 324.719.

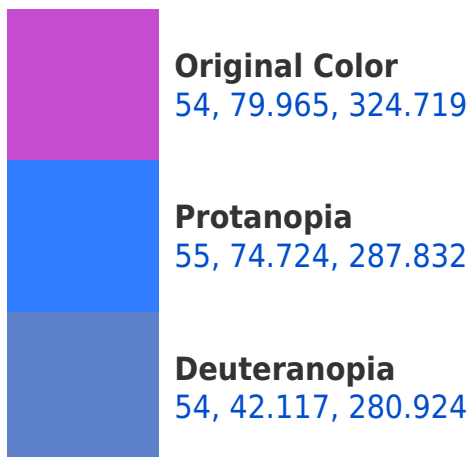


This preview shows how white text looks on a background with the CIELCh color 54, 79.965, 324.719.

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, 34.180, 17.239

Trichromacy



Original Color
54, 79.965, 324.719



Protanomaly
52, 75.534, 297.748



Deuteranomaly
52, 54.899, 302.942



Tritanomaly
53, 45.953, 345.528

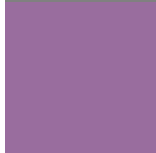
Monochromacy



Original Color
54, 79.965, 324.719



Achromatopsia
54, 0.007, 296.813



Achromatomaly
52, 32.678, 323.114

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 79.965, 324.719 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(198, 77, 210)` looks like.

```
.text, #text, p{  
    color:rgb(198, 77, 210)  
}
```

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(198, 77, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 77, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 79.965, 324.719 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(198, 77, 210) }
```

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

```
.border{ border-color:rgb(198, 77, 210) }
```

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

Here you see how a box with a 4 pixel rgb(198, 77, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 77, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 77, 210);  
box-shadow:4px 4px 4px 4px rgb(198, 77,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 79.965, 324.719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 77, 210) }
```

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

```
.background{ background-color: rgb(198, 77,  
210) }
```

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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