

Converting Colors

CIELCh(54, 99.159, 326.979)

Have a look what the booklet for
CIELCh(54, 99.159, 326.979)
contains.

CIELCh(54, 99.133, 327.102)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(54, 99.133, 327.102)

Conversions

Conversions Part 1

Format	Color
Hex	DB29E0
RGB	219, 41, 224
RGB Percent	86%, 16%, 88%
CMY	0.1418, 0.8402, 0.1222
CMYK	0.02, 0.82, 0.00, 0.12
HSL	298°, 75%, 52%
HSV	298°, 82%, 88%
XYZ	43.3786, 21.9746, 72.3610
YIQ	115.0840, 47.3450, 94.6490

Conversions

Conversions Part 2

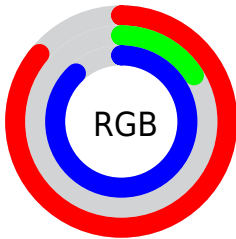
Format	Color
R _Y B	219, 41, 224
Decimal	14363104
CIE Lab	54.00, 83.24, -53.84
CIE LCh	54, 99.133, 327.102
Yxy	21.9746, 0.3150, 0.1596
Android (android.graphics.Color)	4292553184 (0xFFDB29E0)
YUV	115.0840, 53.6956, 91.1343
Hunter-Lab	46.8770, 83.1437, -58.7082

Details

The CIELCh color **54, 99.133, 327.102** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **78, 101.533, 136.685**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 86.147, 327.332**, and **38, 84.789, 326.148** is the 20% darker color. If you saturate the color by 10%, you get **53, 103.190, 327.161**, and if you desaturate by 10%, it is **56, 92.363, 326.933**.

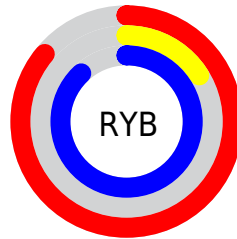
Distribution



Red (86%)

Green (16%)

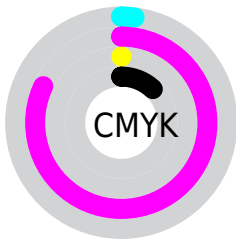
Blue (88%)



Red (86%)

Yellow (16%)

Blue (88%)

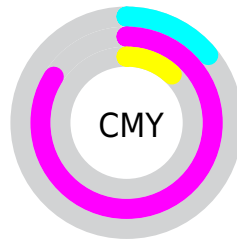


Cyan (2%)

Magenta (82%)

Yellow (0%)

Black (12%)



Cyan (14%)


Magenta (84%)


Yellow (12%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 99.133, 327.102 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, 99.133, 327.102 by changing the saturation by 10% instead.


 54, 99.133,
327.102


 54, 99.133,
327.102


 100, 99.133,
327.102


 44, 99.133,
327.102


 74, 99.133,
327.102


 34, 99.133,
327.102

 84, 99.133,
327.102

 24, 99.133,
327.102

 94, 99.133,
327.102

 14, 99.133,
327.102

 4, 99.133, 327.102

 0, 99.133, 327.102

■ 54, 99.133,
327.102

■ 54, 99.133,
327.102

■ 53, 103.190,
327.161

■ 56, 92.363,
326.933

■ 52, 104.861,
327.142

■ 59, 83.094,
326.659

■ 63, 71.788,
326.296

■ 67, 59.012,
325.861

■ 72, 45.305,
325.376

■ 77, 31.115,
324.859

■ 82, 16.782,
324.322

■ 88, 2.542, 323.701

■ 94, 11.449,
143.311

Harmonies

Complementary

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



54, 99.133, 327.102



78, 101.533, 136.685

Rectangle

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



54, 99.133, 327.102



54, 99.133, 17.102



54, 99.133, 147.102



54, 99.133, 197.102

Sweetspot

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



54, 99.131, 327.102



85, 39.673, 325.037



34, 105.319, 303.473



43, 27.048, 325.220



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, 99.131, 327.102



59, 115.369, 327.142



51, 73.941, 353.292



44, 8.085, 324.193



41, 87.599, 327.159



7, 35.915, 327.314

Inverse Universe

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



49, 80.694, 33.131



53, 102.557, 38.877



79, 74.055, 151.207



44, 4.727, 17.719



36, 77.918, 38.827



6, 25.475, 19.791

Previews

White Background



This preview shows how the CIELCh color 54, 99.133, 327.102 looks on a white background.

Color Contrast Check

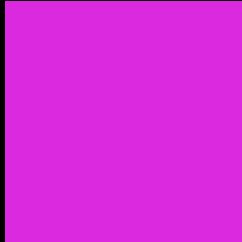
Large Text (above 18pt) WCAG AA ✓ Pass

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, 99.133, 327.102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

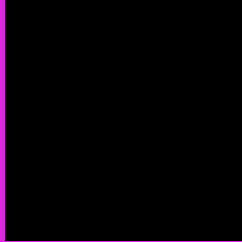
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 99.133, 327.102

Background



This preview shows how black text looks on a background with the CIELCh color 54, 99.133, 327.102.

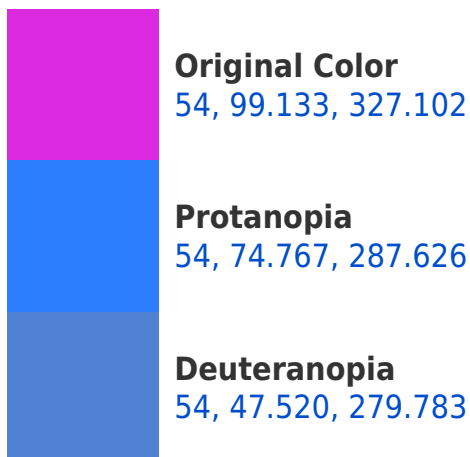


This preview shows how white text looks on a background with the CIELCh color 54, 99.133, 327.102.

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, 48.087, 22.156

Trichromacy



Original Color
54, 99.133, 327.102



Protanomaly
49, 86.773, 301.891



Deuteranomaly
50, 69.068, 305.243



Tritanomaly
53, 60.374, 350.259

Monochromacy



Original Color
54, 99.133, 327.102



Achromatopsia
48, 0.006, 296.813



Achromatomaly
47, 45.207, 325.802

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 99.133, 327.102 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(219, 41, 224)` looks like.

```
.text, #text, p{  
    color:rgb(219, 41, 224)  
}
```

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(219, 41, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 41, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 99.133, 327.102 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(219, 41, 224) }
```

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

```
.border{ border-color:rgb(219, 41, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 41, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 41, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 41, 224);  
box-shadow:4px 4px 4px 4px rgb(219, 41,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 99.133, 327.102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 41, 224) }
```

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

```
.background{ background-color: rgb(219, 41,  
224) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor