

Converting Colors

CIELCh(54, 96.643, 328.630)

Have a look what the booklet for
CIELCh(54, 96.643, 328.630)
contains.

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Color

CIELCh(54, 96.861, 328.623)

Conversions

Conversions Part 1

Format	Color
Hex	DD29DA
RGB	221, 41, 218
RGB Percent	87%, 16%, 85%
CMY	0.1339, 0.8400, 0.1456
CMYK	0.00, 0.82, 0.01, 0.13
HSL	301°, 73%, 51%
HSV	301°, 82%, 87%
XYZ	43.1963, 21.9746, 68.2005
YIQ	114.9980, 50.4630, 93.2070

Conversions

Conversions Part 2

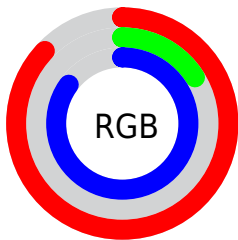
Format	Color
R_{YB}	221, 41, 218
Decimal	14494170
CIE Lab	54.00, 82.70, -50.43
CIE LCh	54, 96.861, 328.623
Yxy	21.9746, 0.3239, 0.1648
Android (android.graphics.Color)	4292684250 (0xFFDD29DA)
YUV	114.9980, 50.7800, 92.9638
Hunter-Lab	46.8770, 82.4497, -53.4460

Details

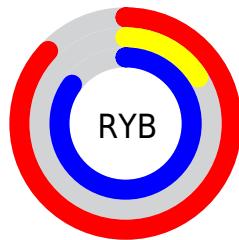
The CIELCh color **54, 96.861, 328.623** is a light color, and the websafe version is hex **CC00CC**. The color can be described as light washed magenta. A complement of this color would be **77, 100.007, 137.227**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 86.147, 327.332**, and **38, 82.331, 327.991** is the 20% darker color. If you saturate the color by 10%, you get **53, 100.740, 328.805**, and if you desaturate by 10%, it is **56, 90.317, 328.360**.

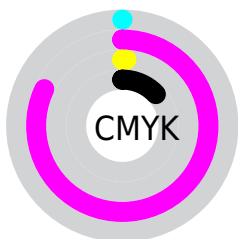
Distribution



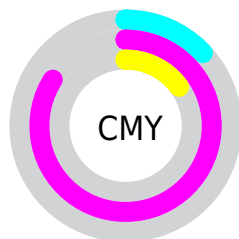
- Red (87%)
- Green (16%)
- Blue (85%)



- Red (87%)
- Yellow (16%)
- Blue (85%)



- Cyan (0%)
- Magenta (82%)
- Yellow (1%)
- Black (13%)





- Cyan (13%)
- Magenta (84%)
- Yellow (15%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 96.861, 328.623 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, 96.861, 328.623 by changing the saturation by 10% instead.


 54, 96.861,
328.623

 54, 96.861,
328.623


 100, 96.861,
328.623

 44, 96.861,
328.623


 74, 96.861,
328.623

 34, 96.861,
328.623

 84, 96.861,
328.623

 24, 96.861,
328.623

 94, 96.861,
328.623

 14, 96.861,
328.623

 4, 96.861, 328.623

 0, 96.861, 328.623

■ 54, 96.861,
328.623

■ 54, 96.861,
328.623

■ 53, 100.740,
328.805

■ 56, 90.317,
328.360

■ 52, 102.321,
328.910

■ 59, 81.302,
328.016

■ 62, 70.259,
327.600

■ 67, 57.737,
327.126

■ 71, 44.270,
326.609

■ 76, 30.304,
326.066

■ 82, 16.180,
325.505

■ 87, 2.139, 324.839

■ 93, 11.660,
144.452

Harmonies

Complementary

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



54, 96.861, 328.623



77, 100.007, 137.227

Rectangle

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



54, 96.861, 328.623



54, 96.861, 18.623



54, 96.861, 148.623



54, 96.861, 198.623

Sweetspot

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



54, 96.858, 328.623



85, 37.956, 326.212



32, 106.797, 304.201



43, 26.056, 326.408



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, 96.858, 328.623



60, 113.742, 328.894



50, 72.181, 355.771



43, 7.912, 325.385



41, 85.437, 328.899



7, 34.162, 328.719

Inverse Universe

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



54, 96.858, 328.623



60, 113.742, 328.894



78, 70.797, 152.920



43, 7.912, 325.385



41, 85.437, 328.899



7, 34.162, 328.719

Previews

White Background



This preview shows how the CIELCh color 54, 96.861, 328.623 looks on a white background.

Color Contrast Check

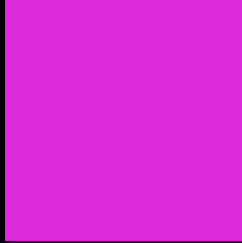
Large Text (above 18pt) WCAG AA ✓ Pass

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, 96.861, 328.623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

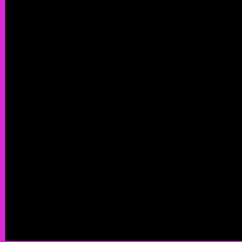
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 96.861, 328.623

Background



This preview shows how black text looks on a background with the CIELCh color 54, 96.861, 328.623.



This preview shows how white text looks on a background with the CIELCh color 54, 96.861, 328.623.

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, 96.861, 328.623

Protanopia

55, 74.753, 287.693

Deuteranopia

54, 44.498, 280.286



Tritanopia
54, 50.312, 22.738

Trichromacy



Original Color
54, 96.861, 328.623



Protanomaly
49, 85.137, 302.130



Deuteranomaly
50, 65.900, 307.027



Tritanomaly
53, 61.376, 352.283

Monochromacy



Original Color
54, 96.861, 328.623



Achromatopsia
48, 0.006, 296.813



Achromatomaly
47, 43.849, 327.083

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 96.861, 328.623 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(221, 41, 218)` looks like.

```
.text, #text, p{  
    color:rgb(221, 41, 218)  
}
```

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(221, 41, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 41, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 96.861, 328.623 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(221, 41, 218) }
```

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

```
.border{ border-color:rgb(221, 41, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 41, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 41, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 41, 218);  
box-shadow:4px 4px 4px 4px rgb(221, 41,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 96.861, 328.623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 41, 218) }
```

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

```
.background{ background-color: rgb(221, 41,  
218) }
```

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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