

Converting Colors

CIELCh(54, 109.063, 324.238)

Have a look what the booklet for
CIELCh(54, 109.063, 324.238)
contains.

CIELCh(54, 108.943, 324.306)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	25
<i>CSS Examples</i>	28

Color

CIELCh(54, 108.943, 324.306)

Conversions

Conversions Part 1

Format	Color
Hex	DA19F1
RGB	218, 25, 241
RGB Percent	85%, 10%, 95%
CMY	0.1448, 0.9012, 0.0546
CMYK	0.10, 0.90, 0.00, 0.05
HSL	294°, 89%, 52%
HSV	294°, 90%, 95%
XYZ	45.1747, 21.9746, 85.1363
YIQ	107.3310, 45.6920, 108.0920

Conversions

Conversions Part 2

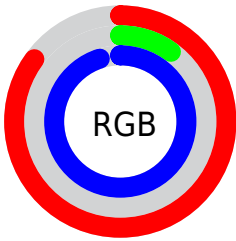
Format	Color
R _Y B	218, 25, 241
Decimal	14293489
CIE Lab	54.00, 88.48, -63.56
CIE LCh	54, 108.943, 324.306
Yxy	21.9746, 0.2966, 0.1443
Android (android.graphics.Color)	4292483569 (0xFFDA19F1)
YUV	107.3310, 65.8988, 97.0567
Hunter-Lab	46.8770, 89.9831, -74.8663

Details

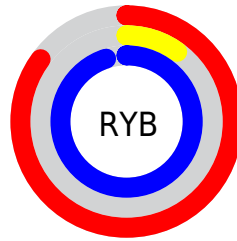
The CIELCh color **54, 108.943, 324.306** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **84, 110.785, 135.572**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 89.498, 327.438**, and **39, 91.454, 322.817** is the 20% darker color. If you saturate the color by 10%, you get **53, 111.500, 324.055**, and if you desaturate by 10%, it is **56, 103.689, 324.401**.

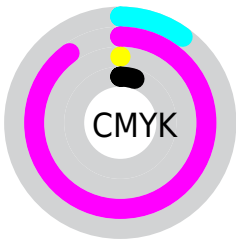
Distribution



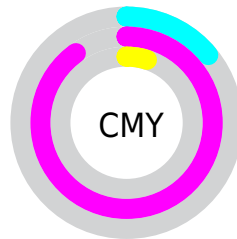
- Red (85%)
- Green (10%)
- Blue (95%)



- Red (85%)
- Yellow (10%)
- Blue (95%)



- Cyan (10%)
- Magenta (90%)
- Yellow (0%)
- Black (5%)





- Cyan (14%)
- Magenta (90%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 108.943, 324.306 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, 108.943, 324.306 by changing the saturation by 10% instead.


 54, 108.943,
324.306


 54, 108.943,
324.306


 100, 108.943,
324.306


 44, 108.943,
324.306


 74, 108.943,
324.306


 34, 108.943,
324.306


 84, 108.943,
324.306

 24, 108.943,
324.306

 94, 108.943,
324.306

 14, 108.943,
324.306

 4, 108.943,
324.306

 0, 108.943,
324.306

■ 54, 108.943,
324.306

■ 54, 108.943,
324.306

■ 53, 111.500,
324.055

■ 56, 103.689,
324.401

■ 53, 111.592,
324.043

■ 59, 95.530,
324.333

■ 63, 84.862,
324.124

■ 67, 72.290,
323.804

■ 72, 58.444,
323.404

■ 78, 43.866,
322.953

■ 83, 28.978,
322.472

■ 89, 14.076,

321.974

■ 95, 0.642, 141.927

Harmonies

Complementary

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



54, 108.943, 324.306



84, 110.785, 135.572

Rectangle

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



54, 108.943, 324.306



54, 108.943, 14.306



54, 108.943, 144.306



54, 108.943, 194.306

Sweetspot

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



54, 108.941, 324.306



83, 41.948, 322.836



36, 112.348, 302.964



42, 28.259, 322.998



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, 108.941, 324.306



56, 116.443, 324.030



54, 83.525, 349.133



47, 8.333, 321.970



40, 90.962, 324.112



9, 39.653, 324.671

Inverse Universe

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



51, 88.261, 31.681



53, 99.820, 36.398



84, 89.988, 145.849



47, 5.032, 11.355



38, 77.160, 35.483



8, 29.323, 19.486

Previews

White Background



This preview shows how the CIELCh color 54, 108.943, 324.306 looks on a white background.

Color Contrast Check

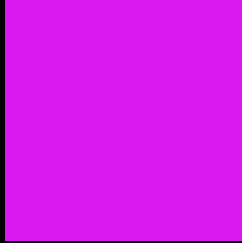
Large Text (above 18pt) WCAG AA ✓ Pass

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, 108.943, 324.306 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, 108.943, 324.306

Background



This preview shows how black text looks on a background with the CIELCh color 54, 108.943, 324.306.

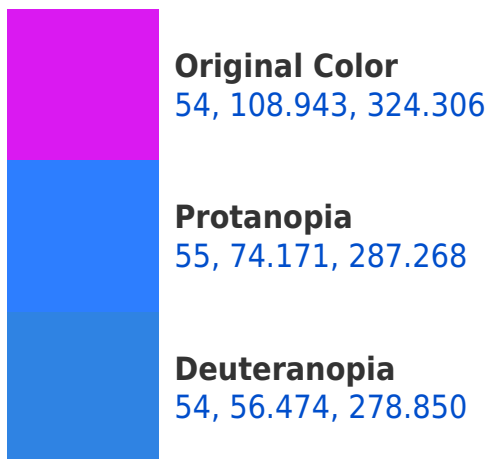


This preview shows how white text looks on a background with the CIELCh color 54, 108.943, 324.306.

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, 45.321, 20.762

Trichromacy



Original Color
54, 108.943, 324.306



Protanomaly
49, 92.920, 302.906



Deuteranomaly
48, 80.944, 302.066



Tritanomaly
52, 63.801, 345.095

Monochromacy



Original Color
54, 108.943, 324.306



Achromatopsia
45, 0.006, 296.813



Achromatomaly
44, 51.819, 323.563

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 108.943, 324.306 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(218, 25, 241)` looks like.

```
.text, #text, p{  
    color:rgb(218, 25, 241)  
}
```

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(218, 25, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 25, 241) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 108.943, 324.306 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(218, 25, 241) }
```

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

```
.border{ border-color:rgb(218, 25, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 25, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 25, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 25, 241);  
box-shadow:4px 4px 4px 4px rgb(218, 25,  
241) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 108.943, 324.306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 25, 241) }
```

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

```
.background{ background-color: rgb(218, 25,  
241) }
```

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