

Converting Colors

CIELCh(54, 107.768, 326.045)

Have a look what the booklet for
CIELCh(54, 107.768, 326.045)
contains.

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Color

CIELCh(54, 107.718, 326.139)

Conversions

Conversions Part 1

Format	Color
Hex	DF0EEB
RGB	223, 14, 235
RGB Percent	87%, 5%, 92%
CMY	0.1262, 0.9434, 0.0791
CMYK	0.05, 0.94, 0.00, 0.08
HSL	297°, 88%, 49%
HSV	297°, 94%, 92%
XYZ	45.5127, 21.9746, 80.3160
YIQ	101.6850, 53.6230, 113.0390

Conversions

Conversions Part 2

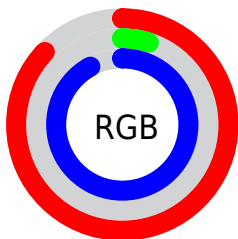
Format	Color
R _Y B	223, 14, 235
Decimal	14618347
CIE Lab	54.00, 89.45, -60.02
CIE LCh	54, 107.718, 326.139
Yxy	21.9746, 0.3079, 0.1487
Android (android.graphics.Color)	4292808427 (0xFFDF0EEB)
YUV	101.6850, 65.7243, 106.3933
Hunter-Lab	46.8770, 91.2701, -68.7696

Details

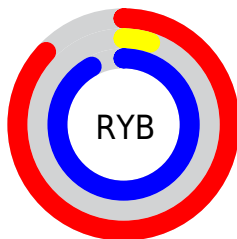
The CIELCh color **54, 107.718, 326.139** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **82, 110.791, 135.941**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 90.885, 327.481**, and **40, 88.709, 324.962** is the 20% darker color. If you saturate the color by 10%, you get **54, 108.910, 326.066**, and if you desaturate by 10%, it is **55, 104.021, 326.178**.

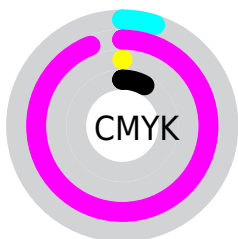
Distribution



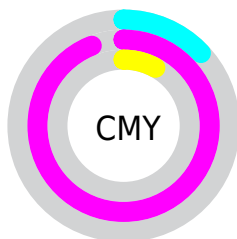
- Red (87%)
- Green (5%)
- Blue (92%)



- Red (87%)
- Yellow (5%)
- Blue (92%)



- Cyan (5%)
- Magenta (94%)
- Yellow (0%)
- Black (8%)





- Cyan (13%)
- Magenta (94%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 107.718, 326.139 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, 107.718, 326.139 by changing the saturation by 10% instead.


 54, 107.718,
326.139


 54, 107.718,
326.139


 100, 107.718,
326.139


 44, 107.718,
326.139


 74, 107.718,
326.139


 34, 107.718,
326.139


 84, 107.718,
326.139

 24, 107.718,
326.139

 94, 107.718,
326.139

 14, 107.718,
326.139

 4, 107.718,
326.139

 0, 107.718,
326.139

■ 54, 107.718,
326.139

■ 54, 107.718,
326.139

■ 54, 108.910,
326.066

■ 55, 104.021,
326.178

■ 58, 97.484,
326.086

■ 61, 88.268,
325.871

■ 64, 76.847,
325.552

■ 69, 63.817,
325.151

■ 74, 49.754,
324.692

■ 79, 35.143,
324.195

■ 85, 20.348,

323.677

■ 91, 5.625, 323.126

Harmonies

Complementary

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



54, 107.718, 326.139



82, 110.791, 135.941

Rectangle

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



54, 107.718, 326.139



54, 107.718, 16.139



54, 107.718, 146.139



54, 107.718, 196.139

Sweetspot

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



54, 107.716, 326.139



83, 44.091, 324.410



32, 118.787, 304.918



42, 30.395, 324.624



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, 107.716, 326.139



58, 115.915, 326.056



52, 80.521, 354.331



46, 8.316, 323.444



41, 89.626, 326.101



9, 38.359, 326.409

Inverse Universe

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



50, 92.470, 36.455



53, 102.479, 38.498



82, 86.751, 147.023



46, 4.911, 15.530



38, 78.542, 37.809



7, 28.310, 20.500

Previews

White Background



This preview shows how the CIELCh color 54, 107.718, 326.139 looks on a white background.

Color Contrast Check

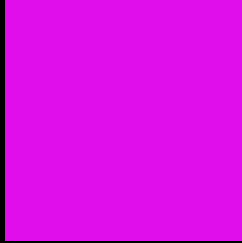
Large Text (above 18pt) WCAG AA ✓ Pass

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, 107.718, 326.139 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, 107.718, 326.139

Background



This preview shows how black text looks on a background with the CIELCh color 54, 107.718, 326.139.



This preview shows how white text looks on a background with the CIELCh color 54, 107.718, 326.139.

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, 107.816, 326.144

Protanopia

55, 74.156, 287.336

Deuteranopia

55, 52.871, 279.144



Tritanopia
54, 49.409, 22.494

Trichromacy



Original Color

54, 107.816, 326.144



Protanomaly

48, 94.158, 303.822



Deuteranomaly

48, 79.991, 304.929



Tritanomaly

52, 66.271, 348.388

Monochromacy



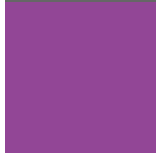
Original Color

54, 107.816, 326.144



Achromatopsia

43, 0.006, 296.813



Achromatomaly

42, 53.153, 325.608

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 107.718, 326.139 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(223, 14, 235)` looks like.

```
.text, #text, p{  
    color:rgb(223, 14, 235)  
}
```

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(223, 14, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 14, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 107.718, 326.139 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(223, 14, 235) }
```

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

```
.border{ border-color:rgb(223, 14, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 14, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 14, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 14, 235);  
box-shadow:4px 4px 4px 4px rgb(223, 14,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 107.718, 326.139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 14, 235) }
```

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

```
.background{ background-color: rgb(223, 14,  
235) }
```

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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