

Converting Colors

CIELCh(54, 105.842, 328.042)

Have a look what the booklet for
CIELCh(54, 105.842, 328.042)
contains.

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Color

CIELCh(54, 105.899, 328.046)

Conversions

Conversions Part 1

Format	Color
Hex	E303E4
RGB	227, 3, 228
RGB Percent	89%, 1%, 89%
CMY	0.1104, 0.9866, 0.1064
CMYK	0.00, 0.98, 0.00, 0.11
HSL	300°, 97%, 45%
HSV	300°, 98%, 89%
XYZ	45.6540, 21.9746, 75.1348
YIQ	95.6260, 61.2790, 117.4630

Conversions

Conversions Part 2

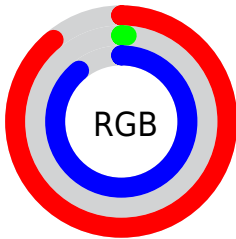
Format	Color
R_{YB}	227, 3, 228
Decimal	14877668
CIE Lab	54.00, 89.85, -56.05
CIE LCh	54, 105.899, 328.046
Yxy	21.9746, 0.3198, 0.1539
Android (android.graphics.Color)	4293067748 (0xFFE303E4)
YUV	95.6260, 65.2604, 115.2150
Hunter-Lab	46.8770, 91.8080, -62.2165

Details

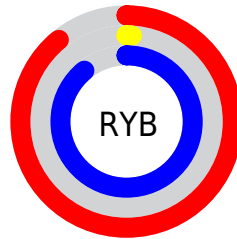
The CIELCh color **54, 105.899, 328.046** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **79, 109.665, 136.048**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 91.792, 327.510**, and **40, 86.147, 327.093** is the 20% darker color. If you saturate the color by 10%, you get **54, 106.162, 328.052**, and if you desaturate by 10%, it is **55, 103.521, 327.984**.

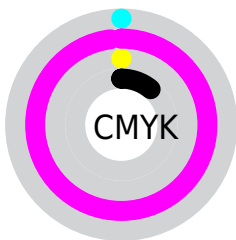
Distribution



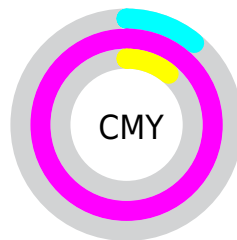
- Red (89%)
- Green (1%)
- Blue (89%)



- Red (89%)
- Yellow (1%)
- Blue (89%)



- Cyan (0%)
- Magenta (98%)
- Yellow (0%)
- Black (11%)





- Cyan (11%)
- Magenta (99%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 105.899, 328.046 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, 105.899, 328.046 by changing the saturation by 10% instead.


 54, 105.899,
328.046


 54, 105.899,
328.046


 100, 105.899,
328.046


 44, 105.899,
328.046


 74, 105.899,
328.046


 34, 105.899,
328.046


 84, 105.899,
328.046

 24, 105.899,
328.046

 94, 105.899,
328.046

 14, 105.899,
328.046

 4, 105.899,
328.046

 0, 105.899,
328.046

■ 54, 105.899,
328.046

■ 54, 105.899,
328.046

■ 54, 106.162,
328.052

■ 55, 103.521,
327.984

■ 56, 98.620,
327.836

■ 59, 91.005,
327.592

■ 62, 80.959,
327.258

■ 66, 68.987,
326.848

■ 70, 55.661,
326.377

■ 75, 41.509,
325.863

■ 80, 26.959,

325.323

■ 86, 12.333,
324.764

Harmonies

Complementary

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



54, 105.899, 328.046



79, 109.665, 136.048

Rectangle

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



54, 105.899, 328.046



54, 105.899, 18.046



54, 105.899, 148.046



54, 105.899, 198.046

Sweetspot

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



54, 105.896, 328.046



82, 47.836, 325.952



29, 121.540, 306.031



41, 32.547, 326.172



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, 105.896, 328.046



60, 115.588, 328.051



49, 77.828, 0.446



45, 8.294, 324.819



42, 88.443, 328.055



8, 37.113, 328.083

Inverse Universe

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



48, 95.052, 39.510



53, 104.394, 39.875



80, 83.035, 148.316



45, 4.816, 19.571



37, 79.782, 39.788



6, 27.089, 21.573

Previews

White Background



This preview shows how the CIELCh color 54, 105.899, 328.046 looks on a white background.

Color Contrast Check

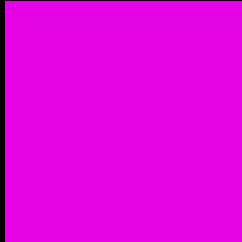
Large Text (above 18pt) WCAG AA ✓ Pass

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, 105.899, 328.046 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, 105.899, 328.046

Background



This preview shows how black text looks on a background with the CIELCh color 54, 105.899, 328.046.



This preview shows how white text looks on a background with the CIELCh color 54, 105.899, 328.046.

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, 105.977, 328.049

Protanopia

55, 74.127, 287.477

Deuteranopia

55, 48.656, 279.628



Tritanopia
54, 53.096, 23.986

Trichromacy



Original Color
54, 105.977, 328.049



Protanomaly
47, 94.809, 304.845



Deuteranomaly
48, 78.586, 307.783



Tritanomaly
52, 67.926, 351.156

Monochromacy



Original Color
54, 105.977, 328.049



Achromatopsia
41, 0.006, 296.813



Achromatomaly
40, 54.855, 327.263

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 105.899, 328.046 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(227, 3, 228)` looks like.

```
.text, #text, p{  
    color:rgb(227, 3, 228)  
}
```

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(227, 3, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 3, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 105.899, 328.046 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(227, 3, 228) }
```

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

```
.border{ border-color:rgb(227, 3, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 3, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 3, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 3, 228);  
box-shadow:4px 4px 4px 4px rgb(227, 3,  
228) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 105.899, 328.046 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 3, 228) }
```

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

```
.background{ background-color: rgb(227, 3,  
228) }
```

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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