

Converting Colors

CIELCh(54, 101.083, 327.751)

Have a look what the booklet for
CIELCh(54, 101.083, 327.751)
contains.

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Color

CIELCh(54, 101.087, 327.740)

Conversions

Conversions Part 1

Format	Color
Hex	DE20E0
RGB	222, 32, 224
RGB Percent	87%, 13%, 88%
CMY	0.1290, 0.8738, 0.1212
CMYK	0.01, 0.86, 0.00, 0.12
HSL	299°, 76%, 50%
HSV	299°, 86%, 88%
XYZ	44.1425, 21.9746, 72.5014
YIQ	110.6980, 51.6080, 99.9920

Conversions

Conversions Part 2

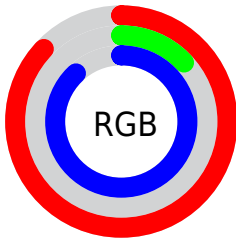
Format	Color
R _Y B	222, 32, 224
Decimal	14557408
CIE Lab	54.00, 85.48, -53.96
CIE LCh	54, 101.087, 327.740
Yxy	21.9746, 0.3184, 0.1585
Android (android.graphics.Color)	4292747488 (0xFFDE20E0)
YUV	110.6980, 55.8579, 97.6119
Hunter-Lab	46.8770, 86.0527, -58.8858

Details

The CIELCh color **54, 101.087, 327.740** 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, 104.023, 136.571**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 88.081, 327.393**, and **39, 84.693, 326.837** is the 20% darker color. If you saturate the color by 10%, you get **53, 104.079, 327.807**, and if you desaturate by 10%, it is **56, 95.425, 327.577**.

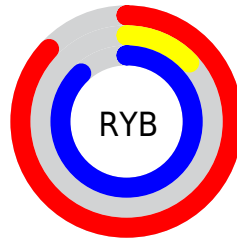
Distribution



Red (87%)

Green (13%)

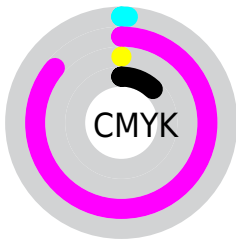
Blue (88%)



Red (87%)

Yellow (13%)

Blue (88%)

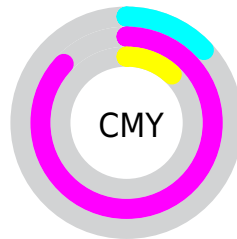


Cyan (1%)

Magenta (86%)

Yellow (0%)

Black (12%)



Cyan (13%)


Magenta (87%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 101.087, 327.740 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, 101.087, 327.740 by changing the saturation by 10% instead.


 54, 101.087,
327.740


 54, 101.087,
327.740


 100, 101.087,
327.740


 44, 101.087,
327.740


 74, 101.087,
327.740


 34, 101.087,
327.740


 84, 101.087,
327.740

 24, 101.087,
327.740

 94, 101.087,
327.740

 14, 101.087,
327.740

 4, 101.087,
327.740

 0, 101.087,
327.740

■ 54, 101.087,
327.740

■ 54, 101.087,
327.740

■ 53, 104.079,
327.807

■ 56, 95.425,
327.577

■ 53, 104.862,
327.817

■ 58, 87.141,
327.316

■ 62, 76.599,
326.965

■ 66, 64.333,
326.541

■ 70, 50.903,
326.061

■ 75, 36.802,
325.543

■ 81, 22.419,
325.002

■ 86, 8.037, 324.437

Harmonies

Complementary

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



54, 101.087, 327.740



78, 104.023, 136.571

Rectangle

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



54, 101.087, 327.740



54, 101.087, 17.740



54, 101.087, 147.740



54, 101.087, 197.740

Sweetspot

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



54, 101.084, 327.740



84, 41.448, 325.572



32, 111.023, 304.558



43, 28.066, 325.756



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, 101.084, 327.740



60, 115.617, 327.814



50, 74.811, 355.729



44, 8.127, 324.658



41, 87.527, 327.823



8, 35.924, 327.882

Inverse Universe

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



48, 85.065, 35.547



53, 104.160, 39.712



79, 75.233, 151.209



44, 4.727, 19.092



36, 78.656, 39.529



6, 25.515, 20.503

Previews

White Background



This preview shows how the CIELCh color 54, 101.087, 327.740 looks on a white background.

Color Contrast Check

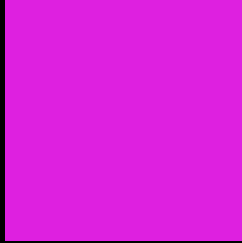
Large Text (above 18pt) WCAG AA ✓ Pass

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, 101.087, 327.740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

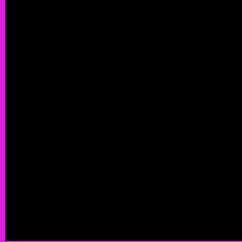
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 101.087, 327.740

Background



This preview shows how black text looks on a background with the CIELCh color 54, 101.087, 327.740.



This preview shows how white text looks on a background with the CIELCh color 54, 101.087, 327.740.

327.740.

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, 101.087, 327.740

Protanopia

55, 74.156, 287.336

Deuteranopia

54, 47.520, 279.783



Tritanopia
54, 50.312, 22.738

Trichromacy



Original Color
54, 101.087, 327.740



Protanomaly
49, 87.936, 302.556



Deuteranomaly
49, 71.554, 306.301



Tritanomaly
52, 63.017, 350.900

Monochromacy



Original Color
54, 101.087, 327.740



Achromatopsia
47, 0.006, 296.813



Achromatomaly
45, 47.362, 326.387

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 101.087, 327.740 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(222, 32, 224)` looks like.

```
.text, #text, p{  
    color:rgb(222, 32, 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(222, 32, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 32, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 101.087, 327.740 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(222, 32, 224) }
```

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

```
.border{ border-color:rgb(222, 32, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 32, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 32, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 32, 224);  
box-shadow:4px 4px 4px 4px rgb(222, 32,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 101.087, 327.740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 32, 224) }
```

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

```
.background{ background-color: rgb(222, 32,  
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](#).

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