

Converting Colors

CIELCh(54, 67.076, 353.653)

Have a look what the booklet for
CIELCh(54, 67.076, 353.653)
contains.

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Color

CIELCh(54, 67.040, 353.722)

Conversions

Conversions Part 1

Format	Color
Hex	E14390
RGB	225, 67, 144
RGB Percent	88%, 26%, 56%
CMY	0.1184, 0.7380, 0.4359
CMYK	0.00, 0.70, 0.36, 0.12
HSL	331°, 72%, 57%
HSV	331°, 70%, 88%
XYZ	38.0061, 21.9746, 28.5568
YIQ	123.0200, 69.4510, 57.4430

Conversions

Conversions Part 2

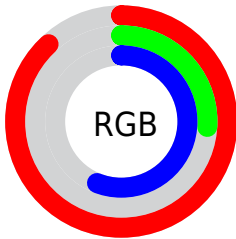
Format	Color
R _Y B	225, 67, 144
Decimal	14762896
CIE Lab	54.00, 66.64, -7.33
CIE LCh	54, 67.040, 353.722
Yxy	21.9746, 0.4293, 0.2482
Android (android.graphics.Color)	4292952976 (0xFFE14390)
YUV	123.0200, 10.3431, 89.4365
Hunter-Lab	46.8770, 62.6861, -3.3047

Details

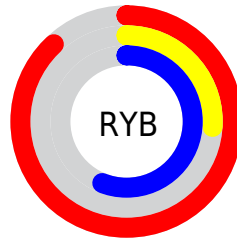
The CIELCh color **54, 67.040, 353.722** is a light color, and the websafe version is hex **FF3399**. The color can be described as light muted rose. A complement of this color would be **80, 63.671, 155.731**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 58.891, 345.712**, and **36, 62.406, 355.235** is the 20% darker color. If you saturate the color by 10%, you get **51, 72.378, 356.400**, and if you desaturate by 10%, it is **58, 59.730, 351.595**.

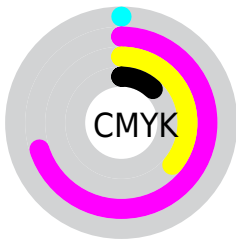
Distribution



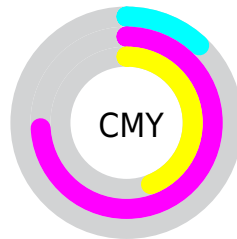
- Red (88%)
- Green (26%)
- Blue (56%)



- Red (88%)
- Yellow (26%)
- Blue (56%)



- Cyan (0%)
- Magenta (70%)
- Yellow (36%)
- Black (12%)




- Cyan (12%)
- Magenta (74%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 67.040, 353.722 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, 67.040, 353.722 by changing the saturation by 10% instead.

 54, 67.040,
353.722

 54, 67.040,
353.722

 100, 67.040,
353.722

 44, 67.040,
353.722

 74, 67.040,
353.722

 34, 67.040,
353.722

 84, 67.040,
353.722

 24, 67.040,
353.722

 94, 67.040,
353.722

 14, 67.040,
353.722

 4, 67.040, 353.722

 0, 67.040, 353.722

■ 54, 67.040,
353.722

■ 54, 67.040,
353.722

■ 51, 72.378,
356.400

■ 58, 59.730,
351.595

■ 49, 75.510,
359.795

■ 62, 50.944,
349.869

■ 48, 76.861, 3.815

■ 67, 41.213,
348.432


■ 72, 30.993,
347.204

■ 78, 20.626,
346.130

■ 83, 10.344,
345.161

■ 89, 0.286, 342.789

■ 95, 9.469, 163.627

 98, 11.120,
178.636

Harmonies

Complementary

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



54, 67.040, 353.722



80, 63.671, 155.731

Rectangle

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



54, 67.040, 353.722



54, 67.040, 43.722



54, 67.040, 173.722



54, 67.040, 223.722

Sweetspot

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



54, 67.036, 353.723



86, 23.674, 346.218



46, 91.218, 312.453



44, 16.058, 346.507



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, 67.036, 353.723



57, 81.392, 357.764



52, 70.579, 30.655



44, 5.698, 345.083



38, 64.061, 3.017



6, 26.309, 355.657

Inverse Universe

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



54, 67.036, 353.723



57, 81.392, 357.764



82, 41.226, 196.661



44, 5.698, 345.083



38, 64.061, 3.017



6, 26.309, 355.657

Previews

White Background



This preview shows how the CIELCh color 54, 67.040, 353.722 looks on a white background.

Color Contrast Check

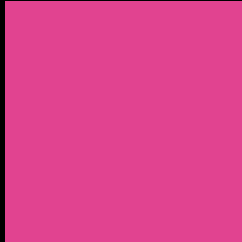
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 54, 67.040, 353.722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

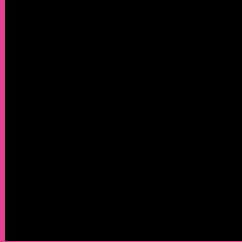
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 67.040, 353.722

Background



This preview shows how black text looks on a background with the CIELCh color 54, 67.040, 353.722.

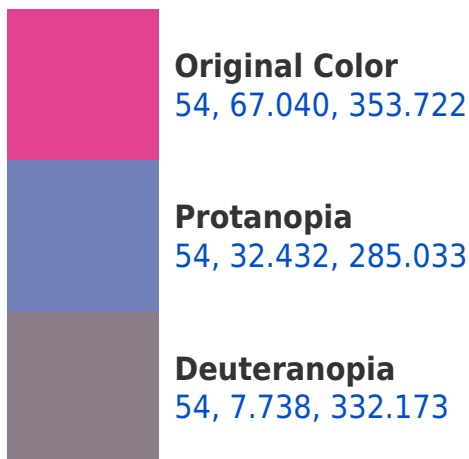


This preview shows how white text looks on a background with the CIELCh color 54, 67.040, 353.722.

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](#).

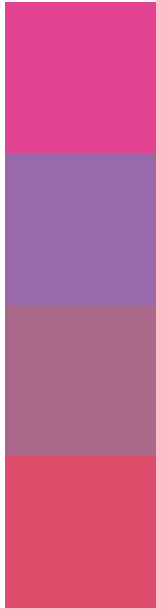
Dichromacy





Tritanopia
54, 61.152, 26.031

Trichromacy



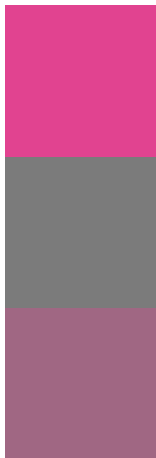
Original Color
54, 67.040, 353.722

Protanomaly
52, 40.098, 318.748

Deuteranomaly
52, 32.457, 345.668

Tritanomaly
54, 60.568, 13.576

Monochromacy



Original Color
54, 67.040, 353.722

Achromatopsia
52, 0.007, 296.813

Achromatomaly
50, 27.729, 347.519

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 67.040, 353.722 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(225, 67, 144)` looks like.

```
.text, #text, p{  
    color:rgb(225, 67, 144)  
}
```

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(225, 67, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 67, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 67.040, 353.722 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(225, 67, 144) }
```

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

```
.border{ border-color:rgb(225, 67, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 67, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 67, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 67, 144);  
box-shadow:4px 4px 4px 4px rgb(225, 67,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 67.040, 353.722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 67, 144) }
```

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

```
.background{ background-color: rgb(225, 67,  
144) }
```

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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