

Converting Colors

CIELCh(54, 65.098, 350.236)

Have a look what the booklet for
CIELCh(54, 65.098, 350.236)
contains.

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Color

CIELCh(54, 65.037, 350.314)

Conversions

Conversions Part 1

Format	Color
Hex	DC4896
RGB	220, 72, 150
RGB Percent	86%, 28%, 59%
CMY	0.1382, 0.7186, 0.4126
CMYK	0.00, 0.67, 0.32, 0.14
HSL	328°, 68%, 57%
HSV	328°, 67%, 86%
XYZ	37.2289, 21.9746, 31.0424
YIQ	125.1440, 63.1700, 55.6340

Conversions

Conversions Part 2

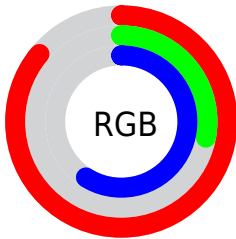
Format	Color
R_{YB}	220, 72, 150
Decimal	14436502
CIE _{Lab}	54.00, 64.11, -10.94
CIE _{LCh}	54, 65.037, 350.314
Yxy	21.9746, 0.4125, 0.2435
Android (android.graphics.Color)	4292626582 (0xFFDC4896)
YUV	125.1440, 12.2540, 83.1887
Hunter-Lab	46.8770, 59.7269, -6.4484

Details

The CIELCh color **54, 65.037, 350.314** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **79, 62.730, 154.268**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 58.375, 343.607**, and **35, 62.507, 351.290** is the 20% darker color. If you saturate the color by 10%, you get **51, 70.840, 352.557**, and if you desaturate by 10%, it is **58, 57.346, 348.508**.

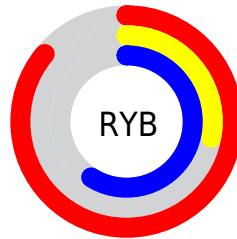
Distribution



Red (86%)

Green (28%)

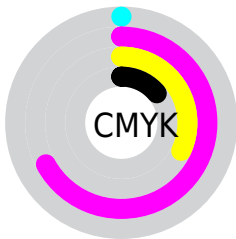
Blue (59%)



Red (86%)

Yellow (28%)

Blue (59%)

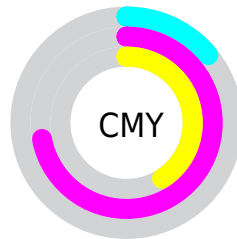


Cyan (0%)

Magenta (67%)

Yellow (32%)

Black (14%)



Cyan (14%)


Magenta (72%)


Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 65.037, 350.314 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, 65.037, 350.314 by changing the saturation by 10% instead.


 54, 65.037,
350.314


 54, 65.037,
350.314


 100, 65.037,
350.314


 44, 65.037,
350.314


 74, 65.037,
350.314

 34, 65.037,
350.314

 84, 65.037,
350.314

 24, 65.037,
350.314

 94, 65.037,
350.314

 14, 65.037,
350.314

 4, 65.037, 350.314

 0, 65.037, 350.314

■ 54, 65.037,
350.314

■ 54, 65.037,
350.314

■ 51, 70.840,
352.557

■ 58, 57.346,
348.508

■ 49, 74.411,
355.383

■ 62, 48.300,
347.014

■ 48, 75.822,
358.929

■ 67, 38.414,
345.746

■ 48, 76.062,
359.938


■ 72, 28.116,
344.642

■ 78, 17.718,
343.659

■ 83, 7.425, 342.750

■ 89, 2.637, 162.172

■ 95, 12.401,
161.315

 97, 13.626,
172.503

Harmonies

Complementary

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



54, 65.037, 350.314



79, 62.730, 154.268

Rectangle

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



54, 65.037, 350.314



54, 65.037, 40.314



54, 65.037, 170.314



54, 65.037, 220.314

Sweetspot

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



54, 65.034, 350.315



87, 23.104, 343.926



46, 86.300, 311.450



45, 15.794, 344.203



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, 65.034, 350.315



58, 81.312, 353.700



52, 65.078, 27.439



43, 5.743, 342.938



37, 63.852, 359.234



6, 25.363, 352.578

Inverse Universe

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



54, 65.034, 350.315



58, 81.312, 353.700



80, 40.342, 192.874



43, 5.743, 342.938



37, 63.852, 359.234



6, 25.363, 352.578

Previews

White Background



This preview shows how the CIELCh color 54, 65.037, 350.314 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, 65.037, 350.314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

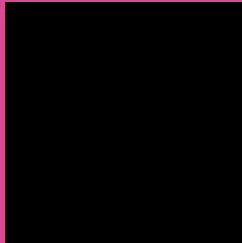
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 65.037, 350.314

Background



This preview shows how black text looks on a background with the CIELCh color 54, 65.037, 350.314.

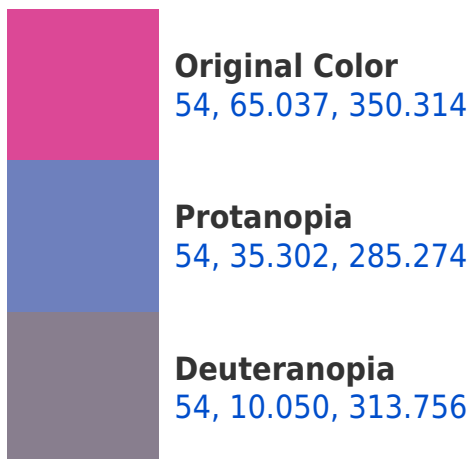


This preview shows how white text looks on a background with the CIELCh color 54, 65.037, 350.314.

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](#).

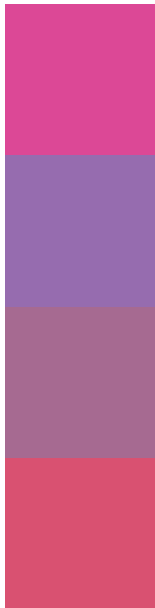
Dichromacy





Tritanopia
54, 56.116, 24.268

Trichromacy



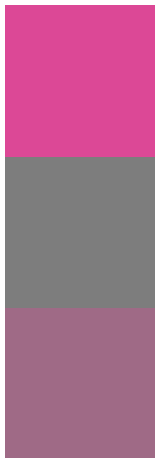
Original Color
54, 65.037, 350.314

Protanomaly
52, 41.490, 315.028

Deuteranomaly
52, 32.001, 339.186

Tritanomaly
54, 56.747, 10.791

Monochromacy



Original Color
54, 65.037, 350.314

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 26.384, 345.143

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 65.037, 350.314 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(220, 72, 150)` looks like.

```
.text, #text, p{  
    color:rgb(220, 72, 150)  
}
```

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(220, 72, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 72, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 65.037, 350.314 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(220, 72, 150) }
```

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

```
.border{ border-color:rgb(220, 72, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 72, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 72, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 72, 150);  
box-shadow:4px 4px 4px 4px rgb(220, 72,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 65.037, 350.314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 72, 150) }
```

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

```
.background{ background-color: rgb(220, 72,  
150) }
```

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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