

Converting Colors

CIELCh(53, 63.475, 349.851)

Have a look what the booklet for
CIELCh(53, 63.475, 349.851)
contains.

CIELCh(53, 63.666, 349.448)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(53, 63.666, 349.448)

Conversions

Conversions Part 1

Format	Color
Hex	D64794
RGB	214, 71, 148
RGB Percent	84%, 28%, 58%
CMY	0.1594, 0.7202, 0.4184
CMYK	0.00, 0.67, 0.31, 0.16
HSL	328°, 64%, 56%
HSV	328°, 67%, 84%
XYZ	35.4770, 21.0462, 30.3350
YIQ	122.5350, 60.5110, 54.2630

Conversions

Conversions Part 2

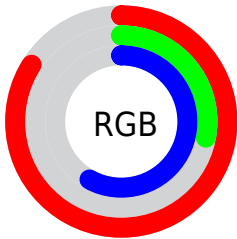
Format	Color
R_{YB}	214, 71, 148
Decimal	14043028
CIE _{Lab}	53.00, 62.59, -11.66
CIE _{LCh}	53, 63.666, 349.448
Yxy	21.0462, 0.4084, 0.2423
Android (android.graphics.Color)	4292233108 (0xFFD64794)
YUV	122.5350, 12.5542, 80.2148
Hunter-Lab	45.8761, 57.7549, -7.0915

Details

The CIELCh color **53, 63.666, 349.448** 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 **77, 61.632, 153.868**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 58.895, 344.219**, and **34, 61.150, 350.297** is the 20% darker color. If you saturate the color by 10%, you get **50, 69.498, 351.584**, and if you desaturate by 10%, it is **57, 56.001, 347.719**.

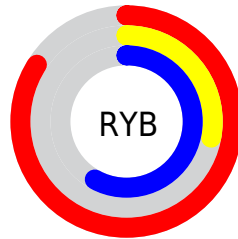
Distribution



Red (84%)

Green (28%)

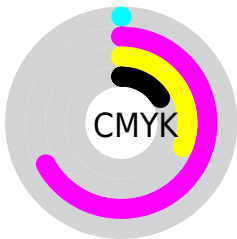
Blue (58%)



Red (84%)

Yellow (28%)

Blue (58%)

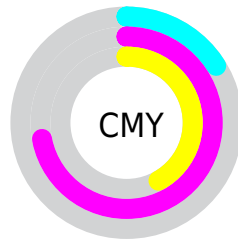


Cyan (0%)

Magenta (67%)

Yellow (31%)

Black (16%)



Cyan (16%)


Magenta (72%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 63.666, 349.448 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 53, 63.666, 349.448 by changing the saturation by 10% instead.


 53, 63.666,
349.448

 53, 63.666,
349.448


 100, 63.666,
349.448


 43, 63.666,
349.448


 73, 63.666,
349.448

 33, 63.666,
349.448

 83, 63.666,
349.448

 23, 63.666,
349.448

 93, 63.666,
349.448

 13, 63.666,
349.448

 3, 63.666, 349.448

 0, 63.666, 349.448

53, 63.666,
349.448

53, 63.666,
349.448

50, 69.498,
351.584

57, 56.001,
347.719

48, 73.136,
354.269

61, 47.031,
346.282

47, 74.591,
357.643

66, 37.258,
345.055

46, 74.867,
358.844


71, 27.095,
343.981

76, 16.841,
343.021

82, 6.695, 342.125

88, 3.224, 161.532

93, 12.851,
160.718

 97, 16.818,
166.007

Harmonies

Complementary

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



53, 63.666, 349.448



77, 61.632, 153.868

Rectangle

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



53, 63.666, 349.448



53, 63.666, 39.448



53, 63.666, 169.448



53, 63.666, 219.448

Sweetspot

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



53, 63.663, 349.449



87, 23.270, 343.345



45, 83.883, 310.968



45, 15.906, 343.617



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53, 63.663, 349.449



58, 81.237, 352.604



51, 62.651, 26.043



42, 5.674, 342.367



37, 63.348, 358.181



5, 23.949, 351.660

Inverse Universe

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



53, 63.663, 349.449



58, 81.237, 352.604



79, 39.753, 191.048



42, 5.674, 342.367



37, 63.348, 358.181



5, 23.949, 351.660

Previews

White Background



This preview shows how the CIELCh color 53, 63.666, 349.448 looks on a white background.

Color Contrast Check

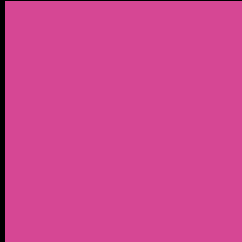
Large Text (above 18pt) WCAG AA ✓ Pass

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 53, 63.666, 349.448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

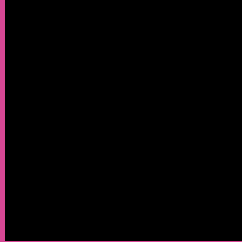
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 63.666, 349.448

Background



This preview shows how black text looks on a background with the CIELCh color 53, 63.666, 349.448.

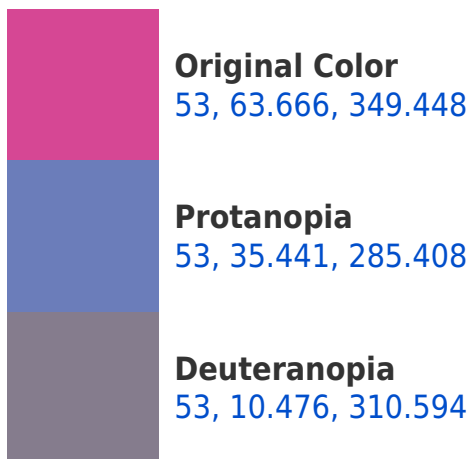


This preview shows how white text looks on a background with the CIELCh color 53, 63.666, 349.448.

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
53, 54.215, 24.424

Trichromacy



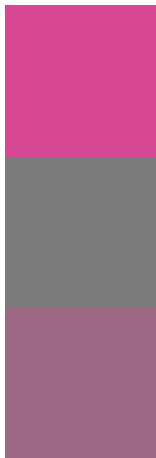
Original Color
53, 63.666, 349.448

Protanomaly
51, 41.536, 314.579

Deuteranomaly
52, 31.514, 338.091

Tritanomaly
53, 54.950, 10.402

Monochromacy



Original Color
53, 63.666, 349.448

Achromatopsia
52, 0.007, 296.813

Achromatomaly
50, 26.139, 344.578

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 63.666, 349.448 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(214, 71, 148)` looks like.

```
.text, #text, p{  
    color:rgb(214, 71, 148)  
}
```

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(214, 71, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 71, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 63.666, 349.448 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(214, 71, 148) }
```

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

```
.border{ border-color:rgb(214, 71, 148) }
```

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

Here you see how a box with a 4 pixel rgb(214, 71, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 71, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 71, 148);  
box-shadow:4px 4px 4px 4px rgb(214, 71,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 63.666, 349.448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 71, 148) }
```

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

```
.background{ background-color: rgb(214, 71,  
148) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor