

Converting Colors

CIELCh(52, 53.930, 349.640)

Have a look what the booklet for
CIELCh(52, 53.930, 349.640)
contains.

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Color

CIELCh(52, 53.692, 349.597)

Conversions

Conversions Part 1

Format	Color
Hex	C7528E
RGB	199, 82, 142
RGB Percent	78%, 32%, 56%
CMY	0.2194, 0.6782, 0.4430
CMYK	0.00, 0.59, 0.29, 0.22
HSL	329°, 51%, 55%
HSV	329°, 59%, 78%
XYZ	31.4723, 20.1443, 27.8375
YIQ	123.8230, 50.4720, 43.4640

Conversions

Conversions Part 2

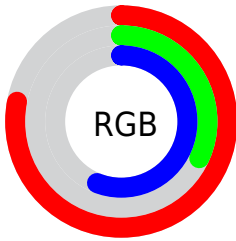
Format	Color
R_{YB}	199, 82, 142
Decimal	13062798
CIE _{Lab}	52.00, 52.81, -9.70
CIE _{LCh}	52, 53.692, 349.597
Yxy	20.1443, 0.3961, 0.2535
Android (android.graphics.Color)	4291252878 (0xFFC7528E)
YUV	123.8230, 8.9613, 65.9302
Hunter-Lab	44.8824, 46.6229, -5.3558

Details

The CIELCh color **52, 53.692, 349.597** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **73, 51.083, 156.462**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 53.066, 348.349**, and **32, 53.936, 349.589** is the 20% darker color. If you saturate the color by 10%, you get **49, 60.615, 351.500**, and if you desaturate by 10%, it is **56, 45.486, 348.034**.

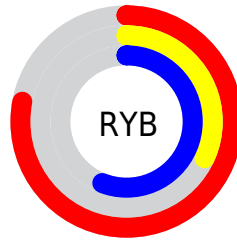
Distribution



Red (78%)

Green (32%)

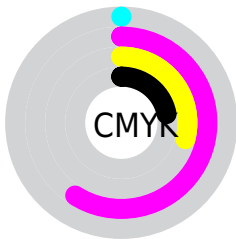
Blue (56%)



Red (78%)

Yellow (32%)

Blue (56%)

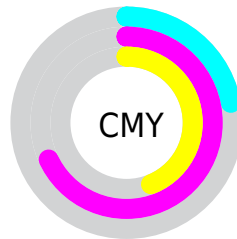


Cyan (0%)

Magenta (59%)

Yellow (29%)

Black (22%)



Cyan (22%)


Magenta (68%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 53.692, 349.597 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 52, 53.692, 349.597 by changing the saturation by 10% instead.


 52, 53.692,
349.597


 52, 53.692,
349.597


 100, 53.692,
349.597


 42, 53.692,
349.597


 72, 53.692,
349.597

 32, 53.692,
349.597

 82, 53.692,
349.597

 22, 53.692,
349.597

 92, 53.692,
349.597

 12, 53.692,
349.597

 2, 53.692, 349.597

 0, 53.692, 349.597

52, 53.692,
349.597

52, 53.692,
349.597

49, 60.615,
351.500

56, 45.486,
348.034

46, 65.801,
353.870

60, 36.481,
346.715

44, 68.955,
356.862

65, 27.073,
345.574

43, 70.308, 0.557

70, 17.554,
344.564


43, 70.453, 1.025

76, 8.121, 343.640

81, 1.107, 163.238

86, 10.064,
162.173

92, 18.721,
161.472

 96, 23.522,
163.920

Harmonies

Complementary

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



52, 53.692, 349.597



73, 51.083, 156.462

Rectangle

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



52, 53.692, 349.597



52, 53.692, 39.597



52, 53.692, 169.597



52, 53.692, 219.597

Sweetspot

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



52, 53.689, 349.598



88, 20.565, 344.515



46, 69.934, 311.534



45, 14.326, 344.800



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



52, 53.689, 349.598



61, 75.338, 352.215



50, 52.103, 25.968



39, 5.247, 343.695



35, 60.885, 0.368



4, 17.985, 352.203

Inverse Universe

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



52, 53.689, 349.598



61, 75.338, 352.215



74, 34.138, 195.102



39, 5.247, 343.695



35, 60.885, 0.368



4, 17.985, 352.203

Previews

White Background



This preview shows how the CIELCh color 52, 53.692, 349.597 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 52, 53.692, 349.597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

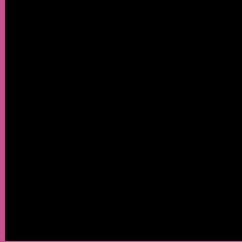
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 53.692, 349.597

Background



This preview shows how black text looks on a background with the CIELCh color 52, 53.692, 349.597.

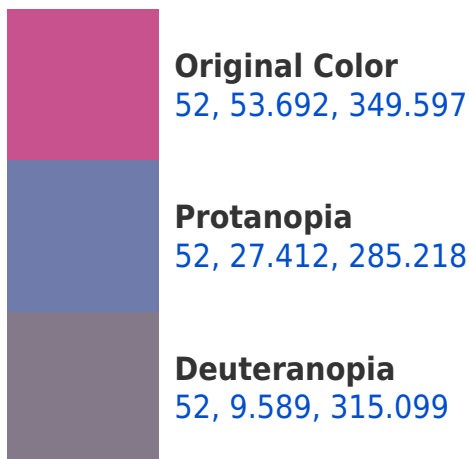


This preview shows how white text looks on a background with the CIELCh color 52, 53.692, 349.597.

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](#).

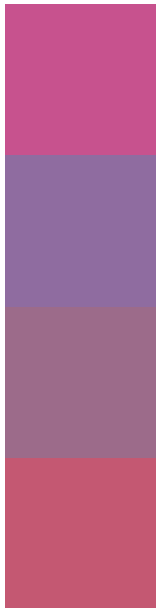
Dichromacy





Tritanopia
52, 44.853, 21.492

Trichromacy



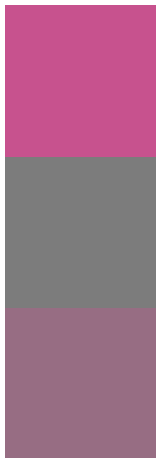
Original Color
52, 53.692, 349.597

Protanomaly
51, 32.917, 316.242

Deuteranomaly
51, 26.173, 339.572

Tritanomaly
52, 46.148, 8.232

Monochromacy



Original Color
52, 53.692, 349.597

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 21.022, 344.801

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 53.692, 349.597 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(199, 82, 142)` looks like.

```
.text, #text, p{  
    color:rgb(199, 82, 142)  
}
```

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(199, 82, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 82, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 53.692, 349.597 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(199, 82, 142) }
```

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

```
.border{ border-color:rgb(199, 82, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 82, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 82, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 82, 142);  
box-shadow:4px 4px 4px 4px rgb(199, 82,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 53.692, 349.597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 82, 142) }
```

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

```
.background{ background-color: rgb(199, 82,  
142) }
```

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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