

Converting Colors

CIELCh(53, 77.849, 328.121)

Have a look what the booklet for
CIELCh(53, 77.849, 328.121)
contains.

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Color

CIELCh(53, 77.504, 328.312)

Conversions

Conversions Part 1

Format	Color
Hex	C948C6
RGB	201, 72, 198
RGB Percent	79%, 28%, 78%
CMY	0.2128, 0.7187, 0.2245
CMYK	0.00, 0.64, 0.01, 0.21
HSL	301°, 54%, 53%
HSV	301°, 64%, 79%
XYZ	36.4798, 21.0462, 55.4120
YIQ	124.9350, 36.4380, 66.5340

Conversions

Conversions Part 2

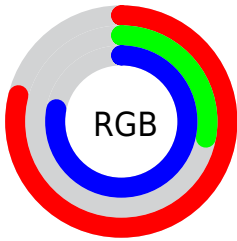
Format	Color
R _{YB}	201, 72, 198
Decimal	13191366
CIE Lab	53.00, 65.95, -40.71
CIE LCh	53, 77.504, 328.312
Yxy	21.0462, 0.3230, 0.1864
Android (android.graphics.Color)	4291381446 (0xFFC948C6)
YUV	124.9350, 36.0210, 66.7090
Hunter-Lab	45.8761, 61.6566, -39.5009

Details

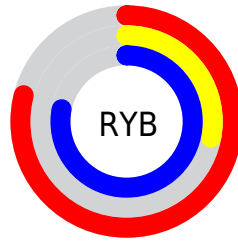
The CIELCh color **53, 77.504, 328.312** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **72, 78.717, 139.296**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 76.857, 327.036**, and **34, 75.526, 327.963** is the 20% darker color. If you saturate the color by 10%, you get **51, 85.301, 328.649**, and if you desaturate by 10%, it is **56, 67.730, 327.905**.

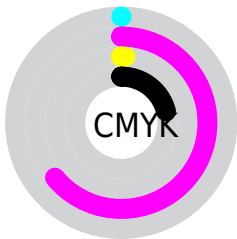
Distribution



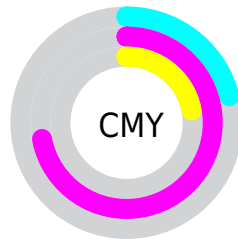
- Red (79%)
- Green (28%)
- Blue (78%)



- Red (79%)
- Yellow (28%)
- Blue (78%)



- Cyan (0%)
- Magenta (64%)
- Yellow (1%)
- Black (21%)





- Cyan (21%)
- Magenta (72%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 77.504, 328.312 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, 77.504, 328.312 by changing the saturation by 10% instead.


 53, 77.504,
328.312


 53, 77.504,
328.312


 100, 77.504,
328.312


 43, 77.504,
328.312


 73, 77.504,
328.312

 33, 77.504,
328.312

 83, 77.504,
328.312

 23, 77.504,
328.312

 93, 77.504,
328.312

 13, 77.504,
328.312

 3, 77.504, 328.312

 0, 77.504, 328.312

53, 77.504,
328.312

53, 77.504,
328.312

51, 85.301,
328.649

56, 67.730,
327.905

49, 90.760,
328.909

60, 56.478,
327.439

48, 93.778,
329.095

64, 44.244,
326.930

47, 94.764,
329.180

69, 31.460,
326.391

74, 18.461,
325.836

79, 5.489, 325.250

84, 7.295, 144.790

89, 19.788,
144.239

■ 95, 31.936,
143.726

Harmonies

Complementary

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



53, 77.504, 328.312



72, 78.717, 139.296

Rectangle

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



53, 77.504, 328.312



53, 77.504, 18.312



53, 77.504, 148.312



53, 77.504, 198.312

Sweetspot

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



53, 77.502, 328.312



88, 29.908, 326.115



38, 77.845, 300.807



45, 20.590, 326.276



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, 77.502, 328.312



63, 104.991, 328.757



50, 57.313, 352.580



39, 7.267, 325.558



38, 81.286, 329.165



4, 26.220, 327.779

Inverse Universe

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



53, 77.502, 328.312



63, 104.991, 328.757



73, 53.965, 157.084



39, 7.267, 325.558



38, 81.286, 329.165



4, 26.220, 327.779

Previews

White Background



This preview shows how the CIELCh color 53, 77.504, 328.312 looks on a white background.

Color Contrast Check

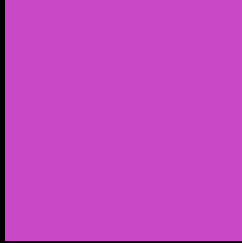
Large Text (above 18pt) WCAG AA ✓ Pass

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, 77.504, 328.312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

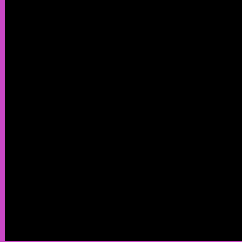
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 77.504, 328.312

Background



This preview shows how black text looks on a background with the CIELCh color 53, 77.504, 328.312.

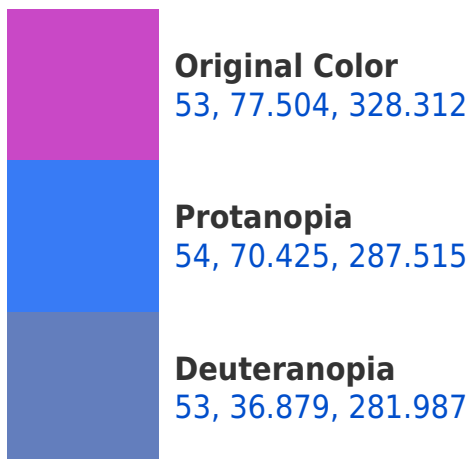


This preview shows how white text looks on a background with the CIELCh color 53, 77.504, 328.312.

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, 39.232, 19.005

Trichromacy



Original Color
53, 77.504, 328.312



Protanomaly
50, 71.932, 299.365



Deuteranomaly
51, 51.005, 306.595



Tritanomaly
52, 48.102, 351.137

Monochromacy



Original Color
53, 77.504, 328.312



Achromatopsia
52, 0.007, 296.813



Achromatomaly
51, 31.461, 327.266

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 77.504, 328.312 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(201, 72, 198)` looks like.

```
.text, #text, p{  
    color:rgb(201, 72, 198)  
}
```

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(201, 72, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 72, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 77.504, 328.312 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(201, 72, 198) }
```

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

```
.border{ border-color:rgb(201, 72, 198) }
```

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

Here you see how a box with a 4 pixel rgb(201, 72, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 72, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 72, 198);  
box-shadow:4px 4px 4px 4px rgb(201, 72,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 77.504, 328.312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 72, 198) }
```

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

```
.background{ background-color: rgb(201, 72,  
198) }
```

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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