

Converting Colors

CIELCh(53, 77.413, 327.541)

Have a look what the booklet for
CIELCh(53, 77.413, 327.541)
contains.

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Color

CIELCh(53, 77.309, 327.553)

Conversions

Conversions Part 1

Format	Color
Hex	C749C7
RGB	199, 73, 199
RGB Percent	78%, 29%, 78%
CMY	0.2194, 0.7135, 0.2194
CMYK	0.00, 0.63, 0.00, 0.22
HSL	300°, 53%, 53%
HSV	300°, 63%, 78%
XYZ	36.2665, 21.0462, 56.2127
YIQ	125.0380, 34.6500, 65.8980

Conversions

Conversions Part 2

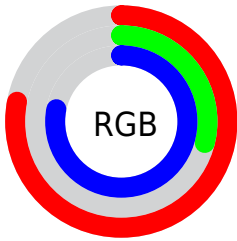
Format	Color
R_{YB}	199, 73, 199
Decimal	13060551
CIE _{Lab}	53.00, 65.24, -41.48
CIE _{LCh}	53, 77.309, 327.553
Yxy	21.0462, 0.3195, 0.1854
Android (android.graphics.Color)	4291250631 (0xFFC749C7)
YUV	125.0380, 36.4633, 64.8647
Hunter-Lab	45.8761, 60.8266, -40.5357

Details

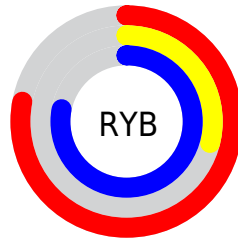
The CIELCh color **53, 77.309, 327.553** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **71, 78.298, 138.877**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 76.316, 327.019**, and **33, 75.549, 327.695** is the 20% darker color. If you saturate the color by 10%, you get **50, 85.417, 327.854**, and if you desaturate by 10%, it is **56, 67.273, 327.172**.

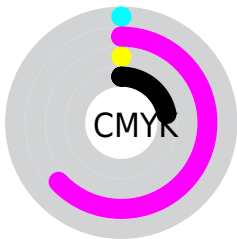
Distribution



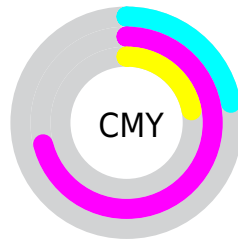
- Red (78%)
- Green (29%)
- Blue (78%)



- Red (78%)
- Yellow (29%)
- Blue (78%)



- Cyan (0%)
- Magenta (63%)
- Yellow (0%)
- Black (22%)





- Cyan (22%)
- Magenta (71%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 77.309, 327.553 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, 77.309, 327.553 by changing the saturation by 10% instead.


 53, 77.309,
327.553


 53, 77.309,
327.553


 100, 77.309,
327.553


 43, 77.309,
327.553


 73, 77.309,
327.553

 33, 77.309,
327.553

 83, 77.309,
327.553

 23, 77.309,
327.553

 93, 77.309,
327.553

 13, 77.309,
327.553

 3, 77.309, 327.553

 0, 77.309, 327.553

53, 77.309,
327.553

53, 77.309,
327.553

50, 85.417,
327.854

56, 67.273,
327.172

49, 91.228,
328.066

60, 55.808,
326.725

48, 94.616,
328.188

64, 43.401,
326.229

47, 95.900,
328.233


69, 30.475,
325.701

74, 17.357,
325.153

79, 4.283, 324.562

84, 8.590, 144.114

89, 21.164,
143.573

 94, 33.383,
143.066

Harmonies

Complementary

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



53, 77.309, 327.553



71, 78.298, 138.877

Rectangle

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



53, 77.309, 327.553



53, 77.309, 17.553



53, 77.309, 147.553



53, 77.309, 197.553

Sweetspot

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



53, 77.307, 327.553



88, 30.379, 325.483



38, 76.103, 300.293



45, 20.914, 325.641



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, 77.307, 327.553



63, 105.947, 327.946



50, 56.674, 351.254



39, 7.382, 324.933



39, 82.758, 328.233



4, 26.741, 327.027

Inverse Universe

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



53, 77.307, 327.553



63, 105.947, 327.946



72, 53.753, 156.384



39, 7.382, 324.933



39, 82.758, 328.233



4, 26.741, 327.027

Previews

White Background



This preview shows how the CIELCh color 53, 77.309, 327.553 looks on a white background.

Color Contrast Check

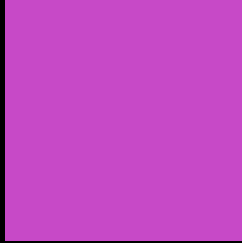
Large Text (above 18pt) WCAG AA ✓ Pass

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, 77.309, 327.553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

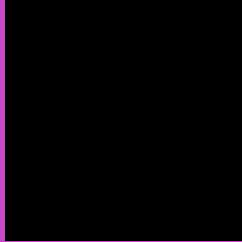
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 77.309, 327.553

Background



This preview shows how black text looks on a background with the CIELCh color 53, 77.309, 327.553.



This preview shows how white text looks on a background with the CIELCh color 53, 77.309, 327.553.

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



Original Color
53, 77.309, 327.553

Protanopia
54, 70.425, 287.515

Deuteranopia
53, 37.476, 281.887



Tritanopia
53, 37.901, 18.579

Trichromacy



Original Color
53, 77.309, 327.553



Protanomaly
51, 71.315, 298.910



Deuteranomaly
51, 50.867, 305.860



Tritanomaly
52, 47.226, 350.070

Monochromacy



Original Color
53, 77.309, 327.553



Achromatopsia
52, 0.007, 296.813



Achromatomaly
51, 31.728, 326.039

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 77.309, 327.553 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, 73, 199)` looks like.

```
.text, #text, p{  
    color:rgb(199, 73, 199)  
}
```

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, 73, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 73, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 77.309, 327.553 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, 73, 199) }
```

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

```
.border{ border-color:rgb(199, 73, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 73, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 73, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 73, 199);  
box-shadow:4px 4px 4px 4px rgb(199, 73,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 77.309, 327.553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 73, 199) }
```

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

```
.background{ background-color: rgb(199, 73,  
199) }
```

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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