

Converting Colors

CIELCh(51, 76.628, 340.455)

Have a look what the booklet for
CIELCh(51, 76.628, 340.455)
contains.

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Color

CIELCh(51, 76.697, 340.382)

Conversions

Conversions Part 1

Format	Color
Hex	D631A7
RGB	214, 49, 167
RGB Percent	84%, 19%, 65%
CMY	0.1610, 0.8080, 0.3453
CMYK	0.00, 0.77, 0.22, 0.16
HSL	317°, 67%, 52%
HSV	317°, 77%, 84%
XYZ	35.7839, 19.2686, 38.3709
YIQ	111.7870, 60.4620, 71.6780

Conversions

Conversions Part 2

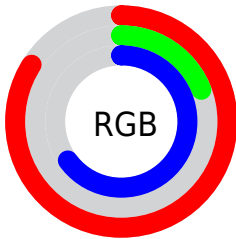
Format	Color
R_{YB}	214, 49, 167
Decimal	14037415
CIE _{Lab}	51.00, 72.24, -25.75
CIE _{LCh}	51, 76.697, 340.382
Yxy	19.2686, 0.3830, 0.2063
Android (android.graphics.Color)	4292227495 (0xFFD631A7)
YUV	111.7870, 27.2200, 89.6408
Hunter-Lab	43.8960, 68.6944, -21.1001

Details

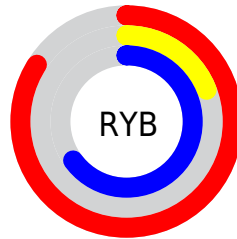
The CIELCh color **51, 76.697, 340.382** is a dark color, and the websafe version is hex **CC0099**. The color can be described as middle muted rose. A complement of this color would be **76, 80.027, 144.763**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 73.419, 335.660**, and **34, 65.602, 341.671** is the 20% darker color. If you saturate the color by 10%, you get **49, 80.282, 341.782**, and if you desaturate by 10%, it is **54, 70.642, 339.196**.

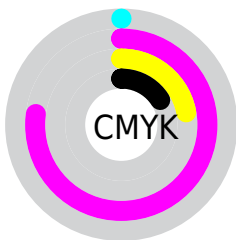
Distribution



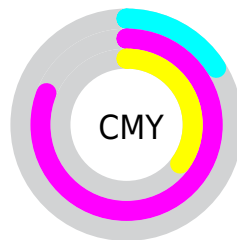
- Red (84%)
- Green (19%)
- Blue (65%)



- Red (84%)
- Yellow (19%)
- Blue (65%)



- Cyan (0%)
- Magenta (77%)
- Yellow (22%)
- Black (16%)





- Cyan (16%)
- Magenta (81%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 76.697, 340.382 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 51, 76.697, 340.382 by changing the saturation by 10% instead.


 51, 76.697,
340.382


 51, 76.697,
340.382


 100, 76.697,
340.382


 41, 76.697,
340.382


 71, 76.697,
340.382

 31, 76.697,
340.382

 81, 76.697,
340.382

 21, 76.697,
340.382

 91, 76.697,
340.382

 11, 76.697,
340.382

 1, 76.697, 340.382

 0, 76.697, 340.382

51, 76.697,
340.382

51, 76.697,
340.382

49, 80.282,
341.782

54, 70.642,
339.196

48, 81.400,
343.463

57, 62.513,
338.161

48, 81.508,
343.979

61, 52.839,
337.232

66, 42.158,
336.380

71, 30.922,
335.586

76, 19.472,
334.837

82, 8.045, 334.112

87, 3.207, 153.606

■ 93, 14.195,
152.898

Harmonies

Complementary

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



51, 76.697, 340.382



76, 80.027, 144.763

Rectangle

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



51, 76.697, 340.382



51, 76.697, 30.382



51, 76.697, 160.382



51, 76.697, 210.382

Sweetspot

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



51, 76.694, 340.382



86, 30.227, 335.290



37, 96.699, 307.576



43, 20.928, 335.567



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



51, 76.694, 340.382



57, 92.784, 342.895



48, 67.471, 17.372



42, 6.429, 334.280



38, 69.127, 343.663



6, 26.749, 340.236

Inverse Universe

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



51, 76.694, 340.382



57, 92.784, 342.895



77, 49.609, 173.095



42, 6.429, 334.280



38, 69.127, 343.663



6, 26.749, 340.236

Previews

White Background



This preview shows how the CIELCh color 51, 76.697, 340.382 looks on a white background.

Color Contrast Check

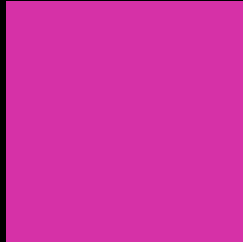
Large Text (above 18pt) WCAG AA ✓ Pass

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 51, 76.697, 340.382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

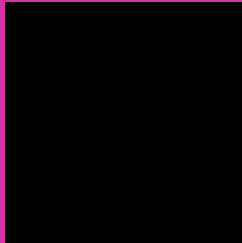
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 76.697, 340.382

Background



This preview shows how black text looks on a background with the CIELCh color 51, 76.697, 340.382.



This preview shows how white text looks on a background with the CIELCh color 51, 76.697, 340.382.

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

51, 76.697, 340.382

Protanopia

52, 60.004, 286.751

Deuteranopia

51, 22.163, 288.449



Tritanopia
51, 57.055, 25.982

Trichromacy



Original Color
51, 76.697, 340.382



Protanomaly
48, 63.913, 305.027



Deuteranomaly
48, 43.861, 322.148



Tritanomaly
51, 59.561, 5.615

Monochromacy



Original Color
51, 76.697, 340.382



Achromatopsia
47, 0.006, 296.813



Achromatomaly
46, 34.030, 336.489

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 76.697, 340.382 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, 49, 167)` looks like.

```
.text, #text, p{  
    color:rgb(214, 49, 167)  
}
```

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, 49, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 49, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 76.697, 340.382 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, 49, 167) }
```

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

```
.border{ border-color:rgb(214, 49, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 49, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 49, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 49, 167);  
box-shadow:4px 4px 4px 4px rgb(214, 49,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 76.697, 340.382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 49, 167) }
```

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

```
.background{ background-color: rgb(214, 49,  
167) }
```

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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