

Converting Colors

CIELCh(51, 67.535, 344.724)

Have a look what the booklet for
CIELCh(51, 67.535, 344.724)
contains.

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Color

CIELCh(51, 67.481, 344.965)

Conversions

Conversions Part 1

Format	Color
Hex	D13E99
RGB	209, 62, 153
RGB Percent	82%, 24%, 60%
CMY	0.1808, 0.7573, 0.4004
CMYK	0.00, 0.70, 0.27, 0.18
HSL	323°, 61%, 53%
HSV	323°, 70%, 82%
XYZ	33.7214, 19.2686, 32.0365
YIQ	116.3270, 58.4010, 59.4650

Conversions

Conversions Part 2

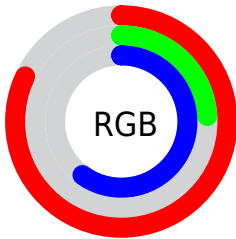
Format	Color
R_{YB}	209, 62, 153
Decimal	13713049
CIE _{Lab}	51.00, 65.17, -17.51
CIE _{LCh}	51, 67.481, 344.965
Yxy	19.2686, 0.3966, 0.2266
Android (android.graphics.Color)	4291903129 (0xFFD13E99)
YUV	116.3270, 18.0798, 81.2742
Hunter-Lab	43.8960, 60.3077, -12.5442

Details

The CIELCh color **51, 67.481, 344.965** 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 **75, 67.667, 149.634**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 64.015, 341.378**, and **33, 61.561, 345.995** is the 20% darker color. If you saturate the color by 10%, you get **48, 72.461, 346.752**, and if you desaturate by 10%, it is **54, 60.422, 343.493**.

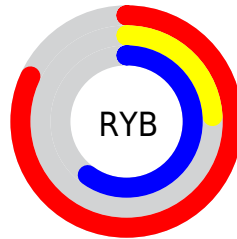
Distribution



Red (82%)

Green (24%)

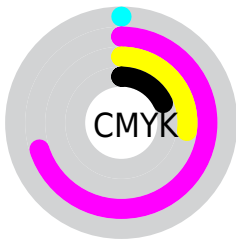
Blue (60%)



Red (82%)

Yellow (24%)

Blue (60%)

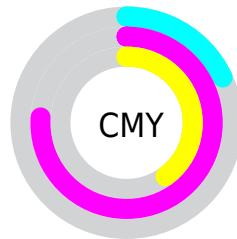


Cyan (0%)

Magenta (70%)

Yellow (27%)

Black (18%)



Cyan (18%)


Magenta (76%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 67.481, 344.965 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, 67.481, 344.965 by changing the saturation by 10% instead.


 51, 67.481,
344.965


 51, 67.481,
344.965


 100, 67.481,
344.965


 41, 67.481,
344.965


 71, 67.481,
344.965

 31, 67.481,
344.965

 81, 67.481,
344.965

 21, 67.481,
344.965

 91, 67.481,
344.965

 11, 67.481,
344.965

 1, 67.481, 344.965

 0, 67.481, 344.965

51, 67.481,
344.965

51, 67.481,
344.965

48, 72.461,
346.752

54, 60.422,
343.493

47, 75.086,
348.963

58, 51.786,
342.245

46, 75.745,
351.533

63, 42.098,
341.158

68, 31.814,
340.188

73, 21.287,
339.307

78, 10.759,
338.487

84, 0.388, 336.808

89, 9.735, 157.130

■ 95, 19.561,
156.468

Harmonies

Complementary

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



51, 67.481, 344.965



75, 67.667, 149.634

Rectangle

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



51, 67.481, 344.965



51, 67.481, 34.965



51, 67.481, 164.965



51, 67.481, 214.965

Sweetspot

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



51, 67.478, 344.966



87, 25.811, 339.381



41, 86.676, 308.994



44, 17.489, 339.621



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, 67.478, 344.966



58, 85.970, 347.708



49, 62.637, 21.191



41, 5.886, 338.409



37, 64.674, 351.051



5, 23.330, 345.996

Inverse Universe

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



51, 67.478, 344.966



58, 85.970, 347.708



76, 42.714, 181.933



41, 5.886, 338.409



37, 64.674, 351.051



5, 23.330, 345.996

Previews

White Background



This preview shows how the CIELCh color 51, 67.481, 344.965 looks on a white background.

Color Contrast Check

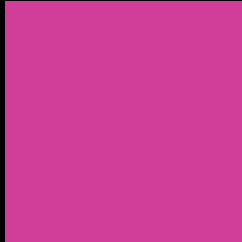
Large Text (above 18pt) WCAG AA ✓ Pass

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, 67.481, 344.965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

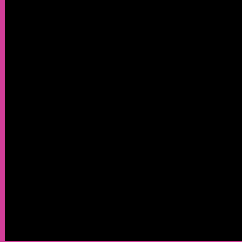
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 67.481, 344.965

Background



This preview shows how black text looks on a background with the CIELCh color 51, 67.481, 344.965.



This preview shows how white text looks on a background with the CIELCh color 51, 67.481, 344.965.

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, 67.481, 344.965

Protanopia

52, 44.405, 285.739

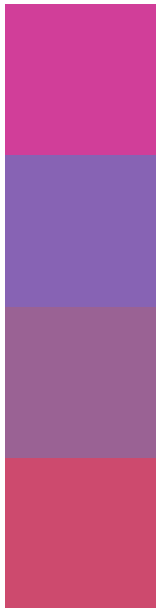
Deuteranopia

51, 15.275, 297.649



Tritanopia
51, 53.748, 24.629

Trichromacy



Original Color
51, 67.481, 344.965

Protanomaly
49, 48.980, 309.572

Deuteranomaly
49, 35.710, 329.574

Tritanomaly
51, 55.169, 8.002

Monochromacy



Original Color
51, 67.481, 344.965

Achromatopsia
49, 0.007, 296.813

Achromatomaly
48, 28.611, 341.035

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 67.481, 344.965 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(209, 62, 153)` looks like.

```
.text, #text, p{  
    color:rgb(209, 62, 153)  
}
```

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(209, 62, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 62, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 67.481, 344.965 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(209, 62, 153) }
```

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

```
.border{ border-color:rgb(209, 62, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 62, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 62, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 62, 153);  
box-shadow:4px 4px 4px 4px rgb(209, 62,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 67.481, 344.965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 62, 153) }
```

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

```
.background{ background-color: rgb(209, 62,  
153) }
```

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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