

Converting Colors

CIELCh(51, 64.926, 345.277)

Have a look what the booklet for
CIELCh(51, 64.926, 345.277)
contains.

CIELCh(51, 64.787, 345.293)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(51, 64.787, 345.293)

Conversions

Conversions Part 1

Format	Color
Hex	CE4297
RGB	206, 66, 151
RGB Percent	81%, 26%, 59%
CMY	0.1919, 0.7409, 0.4076
CMYK	0.00, 0.68, 0.27, 0.19
HSL	324°, 59%, 53%
HSV	324°, 68%, 81%
XYZ	33.0101, 19.2686, 31.2786
YIQ	117.5500, 56.1550, 56.1150

Conversions

Conversions Part 2

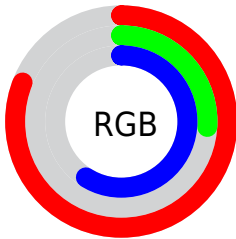
Format	Color
R_{YB}	206, 66, 151
Decimal	13517463
CIE _{Lab}	51.00, 62.66, -16.45
CIE _{LCh}	51, 64.787, 345.293
Yxy	19.2686, 0.3951, 0.2306
Android (android.graphics.Color)	4291707543 (0xFFCE4297)
YUV	117.5500, 16.4909, 77.5707
Hunter-Lab	43.8960, 57.4151, -11.5205

Details

The CIELCh color **51, 64.787, 345.293** 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 **74, 64.398, 150.573**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 62.384, 342.367**, and **32, 60.815, 346.290** is the 20% darker color. If you saturate the color by 10%, you get **48, 70.245, 347.059**, and if you desaturate by 10%, it is **54, 57.401, 343.835**.

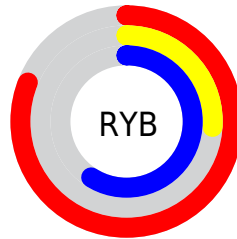
Distribution



Red (81%)

Green (26%)

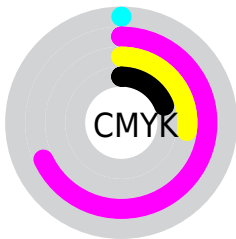
Blue (59%)



Red (81%)

Yellow (26%)

Blue (59%)

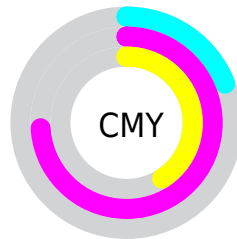


Cyan (0%)

Magenta (68%)

Yellow (27%)

Black (19%)



Cyan (19%)


Magenta (74%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 64.787, 345.293 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, 64.787, 345.293 by changing the saturation by 10% instead.


 51, 64.787,
345.293


 51, 64.787,
345.293


 100, 64.787,
345.293

 41, 64.787,
345.293


 71, 64.787,
345.293

 31, 64.787,
345.293

 81, 64.787,
345.293

 21, 64.787,
345.293

 91, 64.787,
345.293

 11, 64.787,
345.293

 1, 64.787, 345.293

 0, 64.787, 345.293

■ 51, 64.787,
345.293

■ 51, 64.787,
345.293

■ 48, 70.245,
347.059

■ 54, 57.401,
343.835

■ 46, 73.436,
349.244

■ 59, 48.602,
342.596

■ 45, 74.445,
351.946

■ 63, 38.897,
341.515

■ 45, 74.562,
352.536


■ 68, 28.711,
340.550

■ 73, 18.359,
339.672

■ 78, 8.057, 338.848

■ 84, 2.059, 158.341

■ 89, 11.912,
157.506

 95, 21.466,
156.855

Harmonies

Complementary

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



51, 64.787, 345.293



74, 64.398, 150.573

Rectangle

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



51, 64.787, 345.293



51, 64.787, 35.293



51, 64.787, 165.293



51, 64.787, 215.293

Sweetspot

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



51, 64.784, 345.294



87, 24.368, 339.868



42, 82.850, 309.267



45, 16.648, 340.115



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, 64.784, 345.294



58, 84.735, 348.109



49, 60.198, 21.563



40, 5.719, 338.967



36, 63.598, 352.020



4, 21.217, 346.680

Inverse Universe

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



51, 64.784, 345.294



58, 84.735, 348.109



75, 40.837, 183.885



40, 5.719, 338.967



36, 63.598, 352.020



4, 21.217, 346.680

Previews

White Background



This preview shows how the CIELCh color 51, 64.787, 345.293 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 CIELCh color 51, 64.787, 345.293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

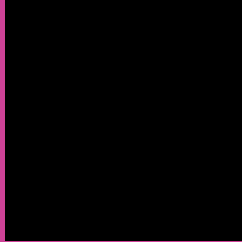
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 64.787, 345.293

Background



This preview shows how black text looks on a background with the CIELCh color 51, 64.787, 345.293.

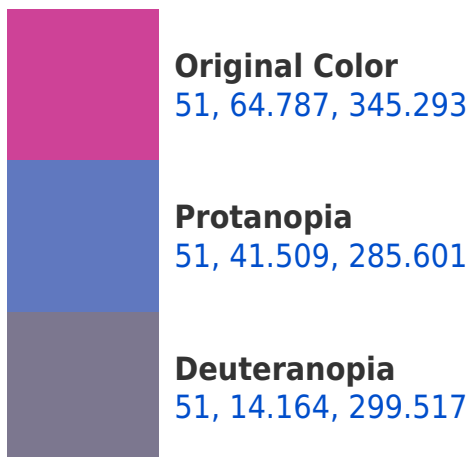


This preview shows how white text looks on a background with the CIELCh color 51, 64.787, 345.293.

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](#).

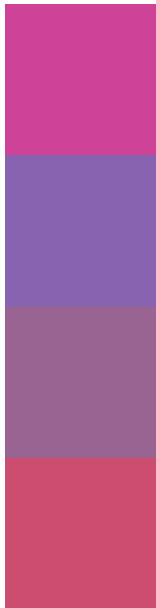
Dichromacy





Tritanopia
51, 51.932, 24.141

Trichromacy



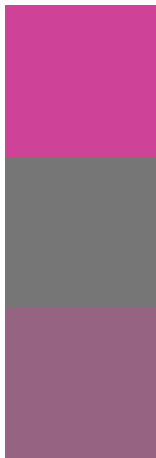
Original Color
51, 64.787, 345.293

Protanomaly
49, 46.206, 310.382

Deuteranomaly
50, 33.517, 330.876

Tritanomaly
51, 53.296, 7.852

Monochromacy



Original Color
51, 64.787, 345.293

Achromatopsia
50, 0.007, 296.813

Achromatomaly
48, 26.981, 341.008

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 64.787, 345.293 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(206, 66, 151)` looks like.

```
.text, #text, p{  
    color:rgb(206, 66, 151)  
}
```

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(206, 66, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 66, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 64.787, 345.293 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(206, 66, 151) }
```

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

```
.border{ border-color:rgb(206, 66, 151) }
```

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

Here you see how a box with a 4 pixel rgb(206, 66, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 66, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 66, 151);  
box-shadow:4px 4px 4px 4px rgb(206, 66,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 64.787, 345.293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 66, 151) }
```

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

```
.background{ background-color: rgb(206, 66,  
151) }
```

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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