

Converting Colors

CIELCh(51, 84.325, 334.177)

Have a look what the booklet for
CIELCh(51, 84.325, 334.177)
contains.

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Color

CIELCh(51, 84.394, 334.044)

Conversions

Conversions Part 1

Format	Color
Hex	D42BBA
RGB	212, 43, 186
RGB Percent	83%, 17%, 73%
CMY	0.1686, 0.8314, 0.2706
CMYK	0.00, 0.80, 0.12, 0.17
HSL	309°, 66%, 50%
HSV	309°, 80%, 83%
XYZ	36.8760, 19.2686, 48.2274
YIQ	109.8330, 54.8210, 80.3010

Conversions

Conversions Part 2

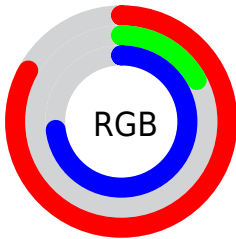
Format	Color
R _Y B	212, 43, 186
Decimal	13904826
CIE Lab	51.00, 75.88, -36.94
CIE LCh	51, 84.394, 334.044
Yxy	19.2686, 0.3533, 0.1846
Android (android.graphics.Color)	4292094906 (0xFFD42BBA)
YUV	109.8330, 37.5503, 89.6005
Hunter-Lab	43.8960, 73.1356, -34.4132

Details

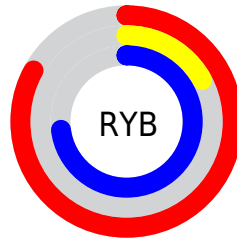
The CIELCh color **51, 84.394, 334.044** is a dark color, and the websafe version is hex **CC33CC**. The color can be described as middle washed rose. A complement of this color would be **75, 89.048, 140.393**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **69, 82.477, 329.989**, and **35, 70.995, 334.468** is the 20% darker color. If you saturate the color by 10%, you get **49, 87.835, 334.759**, and if you desaturate by 10%, it is **53, 78.391, 333.370**.

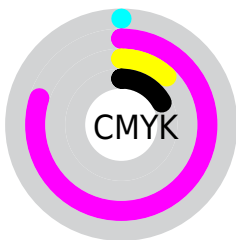
Distribution



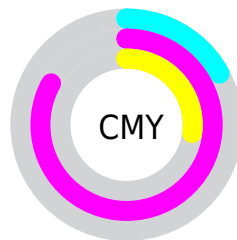
- Red (83%)
- Green (17%)
- Blue (73%)



- Red (83%)
- Yellow (17%)
- Blue (73%)



- Cyan (0%)
- Magenta (80%)
- Yellow (12%)
- Black (17%)




- Cyan (17%)
- Magenta (83%)
- Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 84.394, 334.044 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, 84.394, 334.044 by changing the saturation by 10% instead.


 51, 84.394,
334.044

 51, 84.394,
334.044


 100, 84.394,
334.044

 41, 84.394,
334.044

 71, 84.394,
334.044

 31, 84.394,
334.044

 81, 84.394,
334.044

 21, 84.394,
334.044

 91, 84.394,
334.044

 11, 84.394,
334.044

 1, 84.394, 334.044

 0, 84.394, 334.044

51, 84.394,
334.044

51, 84.394,
334.044

49, 87.835,
334.759

53, 78.391,
333.370

49, 89.025,
335.531

56, 70.124,
332.715

49, 89.050,
335.554

60, 60.083,
332.067

65, 48.809,
331.424

69, 36.792,
330.784

74, 24.421,
330.152

80, 11.979,
329.524

85, 0.341, 149.861

■ 91, 12.419,
148.404

Harmonies

Complementary

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



51, 84.394, 334.044



75, 89.048, 140.393

Rectangle

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



51, 84.394, 334.044



51, 84.394, 24.044



51, 84.394, 154.044



51, 84.394, 204.044

Sweetspot

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



51, 84.391, 334.044



85, 34.555, 330.438



33, 100.122, 305.545



43, 23.729, 330.666



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, 84.391, 334.044



59, 102.035, 335.321



48, 67.296, 7.359



42, 7.057, 329.506



39, 75.959, 335.427



6, 29.433, 333.785

Inverse Universe

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



51, 84.391, 334.044



59, 102.035, 335.321



76, 57.863, 162.204



42, 7.057, 329.506



39, 75.959, 335.427



6, 29.433, 333.785

Previews

White Background



This preview shows how the CIELCh color 51, 84.394, 334.044 looks on a white background.

Color Contrast Check

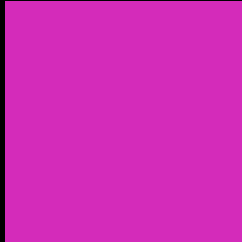
Large Text (above 18pt) WCAG AA ✓ Pass

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, 84.394, 334.044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

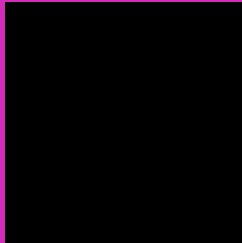
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 84.394, 334.044

Background



This preview shows how black text looks on a background with the CIELCh color 51, 84.394, 334.044.

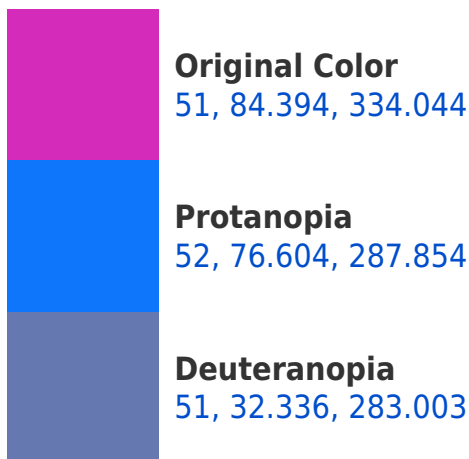


This preview shows how white text looks on a background with the CIELCh color 51, 84.394, 334.044.

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, 53.582, 24.044

Trichromacy



Original Color
51, 84.394, 334.044



Protanomaly
46, 79.896, 298.958



Deuteranomaly
48, 53.235, 313.103



Tritanomaly
50, 59.073, 359.147

Monochromacy



Original Color
51, 84.394, 334.044



Achromatopsia
46, 0.006, 296.813



Achromatomaly
45, 37.977, 331.243

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 84.394, 334.044 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(212, 43, 186)` looks like.

```
.text, #text, p{  
    color:rgb(212, 43, 186)  
}
```

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(212, 43, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 43, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 84.394, 334.044 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(212, 43, 186) }
```

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

```
.border{ border-color:rgb(212, 43, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 43, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 43, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 43, 186);  
box-shadow:4px 4px 4px 4px rgb(212, 43,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 84.394, 334.044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 43, 186) }
```

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

```
.background{ background-color: rgb(212, 43,  
186) }
```

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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