

Converting Colors

CIELCh(51, 88.747, 337.701)

Have a look what the booklet for
CIELCh(51, 88.747, 337.701)
contains.

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Color

CIELCh(51, 88.842, 337.669)

Conversions

Conversions Part 1

Format	Color
Hex	DF0DB5
RGB	223, 13, 181
RGB Percent	87%, 5%, 71%
CMY	0.1265, 0.9482, 0.2911
CMYK	0.00, 0.94, 0.19, 0.13
HSL	312°, 89%, 46%
HSV	312°, 94%, 87%
XYZ	38.8198, 19.2686, 45.2707
YIQ	94.9420, 71.2320, 96.7680

Conversions

Conversions Part 2

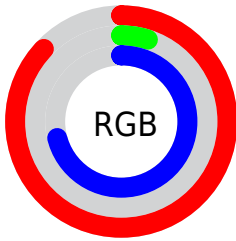
Format	Color
R_{YB}	223, 13, 181
Decimal	14618037
CIE _{Lab}	51.00, 82.18, -33.76
CIE _{LCh}	51, 88.842, 337.669
Yxy	19.2686, 0.3756, 0.1864
Android (android.graphics.Color)	4292808117 (0xFFDF0DB5)
YUV	94.9420, 42.4266, 112.3069
Hunter-Lab	43.8960, 81.0397, -30.4195

Details

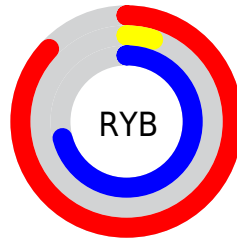
The CIELCh color **51, 88.842, 337.669** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **78, 99.298, 139.247**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 85.427, 331.377**, and **37, 70.143, 338.941** is the 20% darker color. If you saturate the color by 10%, you get **51, 89.170, 338.325**, and if you desaturate by 10%, it is **52, 86.716, 336.658**.

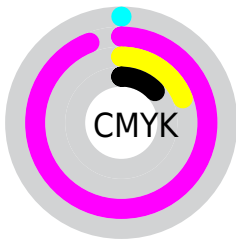
Distribution



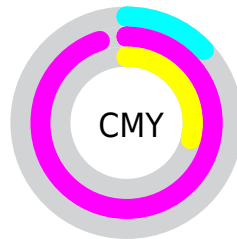
- Red (87%)
- Green (5%)
- Blue (71%)



- Red (87%)
- Yellow (5%)
- Blue (71%)



- Cyan (0%)
- Magenta (94%)
- Yellow (19%)
- Black (13%)



- Cyan (13%)
- Magenta (95%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 88.842, 337.669 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, 88.842, 337.669 by changing the saturation by 10% instead.

 51, 88.842,
337.669

 51, 88.842,
337.669

 100, 88.842,
337.669

 41, 88.842,
337.669

 71, 88.842,
337.669

 31, 88.842,
337.669

 81, 88.842,
337.669

 21, 88.842,
337.669

 91, 88.842,
337.669

 11, 88.842,
337.669

 1, 88.842, 337.669

 0, 88.842, 337.669

■ 51, 88.842,
337.669

■ 51, 88.842,
337.669

■ 51, 89.170,
338.325

■ 52, 86.716,
336.658

■ 54, 81.914,
335.764

■ 57, 74.590,
334.949

■ 61, 65.195,
334.186

■ 65, 54.296,
333.457

■ 70, 42.436,
332.752

■ 75, 30.065,
332.069

■ 81, 17.520,

331.404

■ 86, 5.033, 330.724

Harmonies

Complementary

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



51, 88.842, 337.669



78, 99.298, 139.247

Rectangle

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



51, 88.842, 337.669



51, 88.842, 27.669



51, 88.842, 157.669



51, 88.842, 207.669

Sweetspot

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



51, 88.839, 337.669



83, 39.019, 332.350



30, 116.099, 307.109



42, 26.894, 332.648



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, 88.839, 337.669



58, 98.648, 338.419



48, 77.137, 18.626



44, 7.095, 331.100



40, 74.940, 338.133



7, 31.372, 336.211

Inverse Universe

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



51, 88.839, 337.669



58, 98.648, 338.419



79, 62.283, 162.845



44, 7.095, 331.100



40, 74.940, 338.133



7, 31.372, 336.211

Previews

White Background



This preview shows how the CIELCh color 51, 88.842, 337.669 looks on a white background.

Color Contrast Check

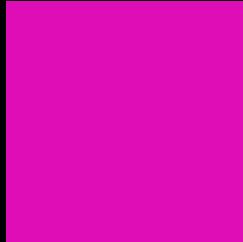
Large Text (above 18pt) WCAG AA ✓ Pass

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, 88.842, 337.669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

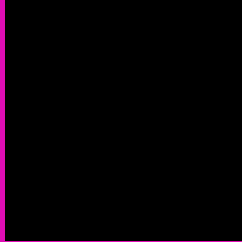
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 88.842, 337.669

Background



This preview shows how black text looks on a background with the CIELCh color 51, 88.842, 337.669.

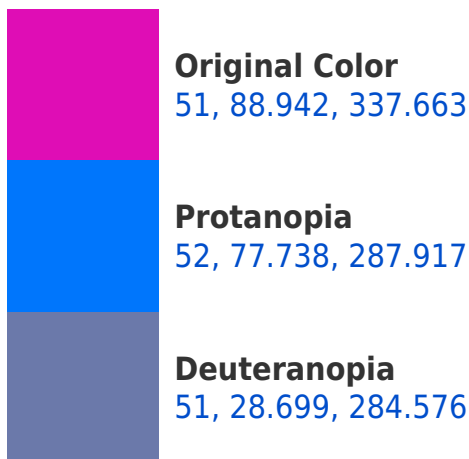


This preview shows how white text looks on a background with the CIELCh color 51, 88.842, 337.669.

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, 62.837, 27.441

Trichromacy



Original Color
51, 88.942, 337.663



Protanomaly
43, 86.288, 300.812



Deuteranomaly
46, 57.634, 318.765



Tritanomaly
50, 66.938, 3.777

Monochromacy



Original Color
51, 88.942, 337.663



Achromatopsia
40, 0.006, 296.813



Achromatomaly
39, 45.100, 333.922

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 88.842, 337.669 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(223, 13, 181)` looks like.

```
.text, #text, p{  
    color:rgb(223, 13, 181)  
}
```

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(223, 13, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 13, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 88.842, 337.669 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(223, 13, 181) }
```

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

```
.border{ border-color:rgb(223, 13, 181) }
```

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

Here you see how a box with a 4 pixel rgb(223, 13, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 13, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 13, 181);  
box-shadow:4px 4px 4px 4px rgb(223, 13,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 88.842, 337.669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 13, 181) }
```

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

```
.background{ background-color: rgb(223, 13,  
181) }
```

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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