

Converting Colors

CIELCh(51, 90.079, 337.261)

Have a look what the booklet for
CIELCh(51, 90.079, 337.261)
contains.

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Color

CIELCh(51, 90.165, 337.083)

Conversions

Conversions Part 1

Format	Color
Hex	DF06B7
RGB	223, 6, 183
RGB Percent	87%, 2%, 72%
CMY	0.1251, 0.9746, 0.2820
CMYK	0.00, 0.97, 0.18, 0.13
HSL	311°, 94%, 45%
HSV	311°, 97%, 87%
XYZ	39.0932, 19.2686, 46.5137
YIQ	91.0610, 72.5150, 101.0510

Conversions

Conversions Part 2

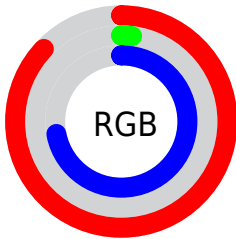
Format	Color
R_{YB}	223, 6, 183
Decimal	14616247
CIE _{Lab}	51.00, 83.05, -35.11
CIE _{LCh}	51, 90.165, 337.083
Yxy	19.2686, 0.3728, 0.1837
Android (android.graphics.Color)	4292806327 (0xFFDF06B7)
YUV	91.0610, 45.3259, 115.7105
Hunter-Lab	43.8960, 82.1517, -32.0984

Details

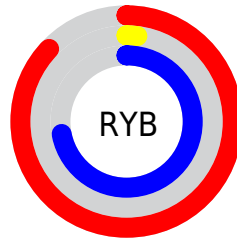
The CIELCh color **51, 90.165, 337.083** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **78, 101.758, 138.439**, and the grayscale version is **39, 0.005, 296.813**.

A 20% lighter version of the original color is **67, 86.612, 330.908**, and **37, 70.457, 338.564** is the 20% darker color. If you saturate the color by 10%, you get **51, 90.335, 337.373**, and if you desaturate by 10%, it is **52, 88.711, 336.131**.

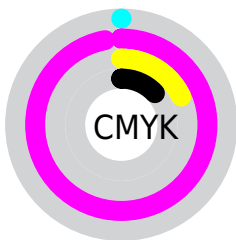
Distribution



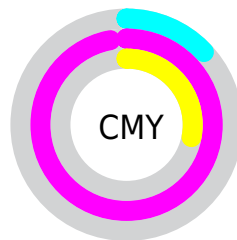
- Red (87%)
- Green (2%)
- Blue (72%)



- Red (87%)
- Yellow (2%)
- Blue (72%)



- Cyan (0%)
- Magenta (97%)
- Yellow (18%)
- Black (13%)





- Cyan (13%)
- Magenta (97%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 90.165, 337.083 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, 90.165, 337.083 by changing the saturation by 10% instead.


 51, 90.165,
337.083


 51, 90.165,
337.083


 100, 90.165,
337.083


 41, 90.165,
337.083


 71, 90.165,
337.083

 31, 90.165,
337.083

 81, 90.165,
337.083

 21, 90.165,
337.083

 91, 90.165,
337.083

 11, 90.165,
337.083

 1, 90.165, 337.083

 0, 90.165, 337.083

■ 51, 90.165,
337.083

■ 51, 90.165,
337.083

■ 51, 90.335,
337.373

■ 52, 88.711,
336.131

■ 54, 84.643,
335.284

■ 57, 77.955,
334.507

■ 60, 69.026,
333.773

■ 64, 58.404,
333.066

■ 69, 46.651,
332.378

■ 74, 34.252,
331.706

■ 79, 21.581,

331.049

■ 85, 8.904, 330.397

Harmonies

Complementary

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



51, 90.165, 337.083



78, 101.758, 138.439

Rectangle

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



51, 90.165, 337.083



51, 90.165, 27.083



51, 90.165, 157.083



51, 90.165, 207.083

Sweetspot

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



51, 90.162, 337.083



82, 40.841, 331.847



30, 118.049, 306.985



41, 27.969, 332.135



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, 90.162, 337.083



58, 99.825, 337.456



47, 77.854, 18.792



44, 7.174, 330.553



40, 75.817, 337.201



7, 31.705, 335.477

Inverse Universe

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



51, 90.162, 337.083



58, 99.825, 337.456



79, 64.597, 160.890



44, 7.174, 330.553



40, 75.817, 337.201



7, 31.705, 335.477

Previews

White Background



This preview shows how the CIELCh color 51, 90.165, 337.083 looks on a white background.

Color Contrast Check

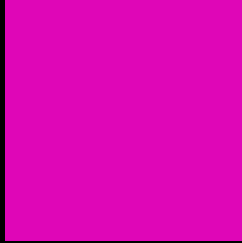
Large Text (above 18pt) WCAG AA ✓ Pass

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, 90.165, 337.083 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, 90.165, 337.083

Background



This preview shows how black text looks on a background with the CIELCh color 51, 90.165, 337.083.



This preview shows how white text looks on a background with the CIELCh color 51, 90.165, 337.083.

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, 90.165, 337.083

Protanopia

52, 77.738, 287.917

Deuteranopia

52, 29.871, 284.543



Tritanopia
51, 62.837, 27.441

Trichromacy



Original Color
51, 90.165, 337.083



Protanomaly
42, 88.648, 301.467



Deuteranomaly
46, 60.433, 318.628



Tritanomaly
50, 67.827, 2.874

Monochromacy



Original Color
51, 90.165, 337.083



Achromatopsia
39, 0.005, 296.813



Achromatomaly
38, 46.886, 333.822

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 90.165, 337.083 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, 6, 183)` looks like.

```
.text, #text, p{  
    color:rgb(223, 6, 183)  
}
```

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, 6, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 6, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 90.165, 337.083 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, 6, 183) }
```

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

```
.border{ border-color:rgb(223, 6, 183) }
```

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

Here you see how a box with a 4 pixel rgb(223, 6, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 6, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 6, 183);  
box-shadow:4px 4px 4px 4px rgb(223, 6,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 90.165, 337.083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 6, 183) }
```

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

```
.background{ background-color: rgb(223, 6,  
183) }
```

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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