

Converting Colors

CIELCh(51, 60.662, 337.552)

Have a look what the booklet for
CIELCh(51, 60.662, 337.552)
contains.

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Color

CIELCh(51, 60.660, 337.579)

Conversions

Conversions Part 1

Format	Color
Hex	C14DA2
RGB	193, 77, 162
RGB Percent	76%, 30%, 64%
CMY	0.2429, 0.6978, 0.3645
CMYK	0.00, 0.60, 0.16, 0.24
HSL	316°, 48%, 53%
HSV	316°, 60%, 76%
XYZ	31.1879, 19.2686, 36.2796
YIQ	121.3740, 41.8510, 51.0270

Conversions

Conversions Part 2

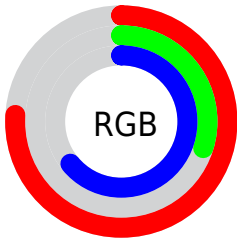
Format	Color
R_{YB}	193, 77, 162
Decimal	12668322
CIE _{Lab}	51.00, 56.07, -23.14
CIE _{LCh}	51, 60.660, 337.579
Yxy	19.2686, 0.3596, 0.2222
Android (android.graphics.Color)	4290858402 (0xFFC14DA2)
YUV	121.3740, 20.0286, 62.8160
Hunter-Lab	43.8960, 50.0051, -18.2754

Details

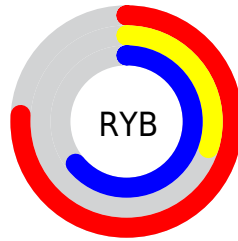
The CIELCh color **51, 60.660, 337.579** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **70, 61.023, 147.003**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 60.602, 337.627**, and **31, 60.571, 337.531** is the 20% darker color. If you saturate the color by 10%, you get **48, 67.767, 338.578**, and if you desaturate by 10%, it is **55, 51.992, 336.679**.

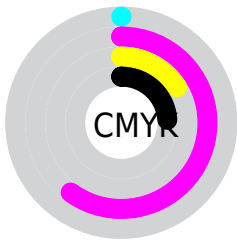
Distribution



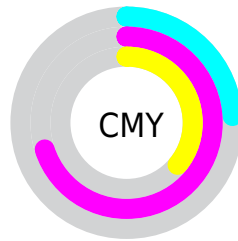
- Red (76%)
- Green (30%)
- Blue (64%)



- Red (76%)
- Yellow (30%)
- Blue (64%)



- Cyan (0%)
- Magenta (60%)
- Yellow (16%)
- Black (24%)





- Cyan (24%)
- Magenta (70%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 60.660, 337.579 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, 60.660, 337.579 by changing the saturation by 10% instead.


 51, 60.660,
337.579


 51, 60.660,
337.579


 100, 60.660,
337.579


 41, 60.660,
337.579


 71, 60.660,
337.579

 31, 60.660,
337.579

 81, 60.660,
337.579

 21, 60.660,
337.579

 91, 60.660,
337.579

 11, 60.660,
337.579

 1, 60.660, 337.579

 0, 60.660, 337.579

51, 60.660,
337.579

51, 60.660,
337.579

48, 67.767,
338.578

55, 51.992,
336.679

46, 72.857,
339.717

59, 42.269,
335.849

44, 75.638,
341.054

63, 31.924,
335.072

43, 76.461,
342.597

68, 21.300,
334.336

73, 10.637,
333.629

78, 0.098, 329.739

83, 10.220,
152.414

88, 20.263,
151.811

■ 94, 30.005,
151.252

Harmonies

Complementary

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



51, 60.660, 337.579



70, 61.023, 147.003

Rectangle

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



51, 60.660, 337.579



51, 60.660, 27.579



51, 60.660, 157.579



51, 60.660, 207.579

Sweetspot

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



51, 60.657, 337.579



87, 23.522, 334.207



42, 69.658, 305.639



45, 16.359, 334.417



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51, 60.657, 337.579



61, 84.442, 338.907



49, 49.599, 10.074



38, 5.994, 333.579



36, 66.894, 342.346



4, 18.799, 338.305

Inverse Universe

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



51, 60.657, 337.579



61, 84.442, 338.907



71, 39.391, 174.284



38, 5.994, 333.579



36, 66.894, 342.346



4, 18.799, 338.305

Previews

White Background



This preview shows how the CIELCh color 51, 60.660, 337.579 looks on a white background.

Color Contrast Check

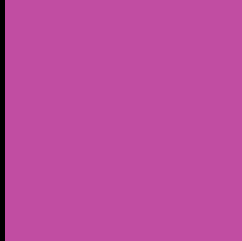
Large Text (above 18pt) WCAG AA ✓ Pass

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, 60.660, 337.579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

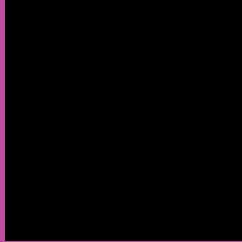
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 60.660, 337.579

Background



This preview shows how black text looks on a background with the CIELCh color 51, 60.660, 337.579.

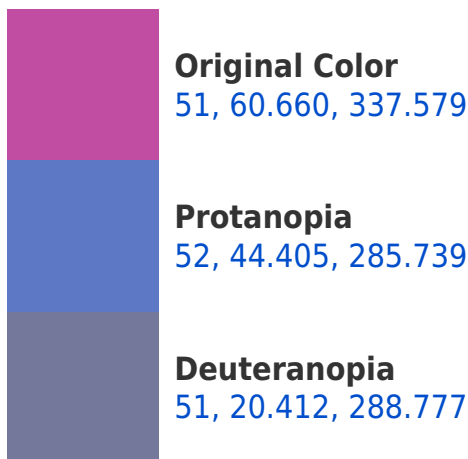


This preview shows how white text looks on a background with the CIELCh color 51, 60.660, 337.579.

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, 40.964, 20.473

Trichromacy



Original Color
51, 60.660, 337.579

Protanomaly
50, 47.623, 305.351

Deuteranomaly
50, 34.750, 318.448

Tritanomaly
51, 44.677, 0.274

Monochromacy



Original Color
51, 60.660, 337.579

Achromatopsia
51, 0.007, 296.813

Achromatomaly
50, 24.375, 334.695

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 60.660, 337.579 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(193, 77, 162)` looks like.

```
.text, #text, p{  
    color:rgb(193, 77, 162)  
}
```

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(193, 77, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 77, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 60.660, 337.579 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(193, 77, 162) }
```

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

```
.border{ border-color:rgb(193, 77, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 77, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 77, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 77, 162);  
box-shadow:4px 4px 4px 4px rgb(193, 77,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 60.660, 337.579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 77, 162) }
```

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

```
.background{ background-color: rgb(193, 77,  
162) }
```

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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