

Converting Colors

CIELCh(51, 51.508, 353.396)

Have a look what the booklet for
CIELCh(51, 51.508, 353.396)
contains.

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Color

CIELCh(51, 51.514, 353.565)

Conversions

Conversions Part 1

Format	Color
Hex	C45185
RGB	196, 81, 133
RGB Percent	77%, 32%, 52%
CMY	0.2320, 0.6829, 0.4790
CMYK	0.00, 0.59, 0.32, 0.23
HSL	333°, 49%, 54%
HSV	333°, 59%, 77%
XYZ	29.8812, 19.2686, 24.2858
YIQ	121.3130, 51.8480, 40.5520

Conversions

Conversions Part 2

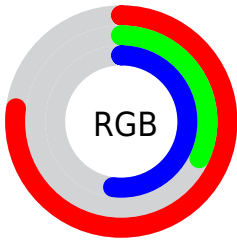
Format	Color
R_{YB}	196, 81, 133
Decimal	12865925
CIE _{Lab}	51.00, 51.19, -5.77
CIE _{LCh}	51, 51.514, 353.565
Yxy	19.2686, 0.4069, 0.2624
Android (android.graphics.Color)	4291056005 (0xFFC45185)
YUV	121.3130, 5.7617, 65.5005
Hunter-Lab	43.8960, 44.6917, -2.0754

Details

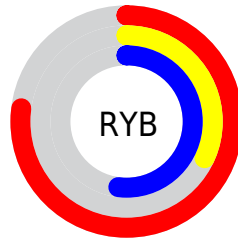
The CIELCh color **51, 51.514, 353.565** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **72, 47.713, 159.679**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 51.458, 353.436**, and **31, 51.740, 353.402** is the 20% darker color. If you saturate the color by 10%, you get **48, 58.386, 355.746**, and if you desaturate by 10%, it is **55, 43.488, 351.799**.

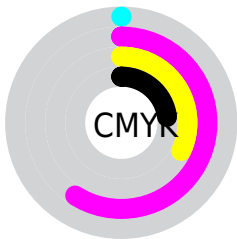
Distribution



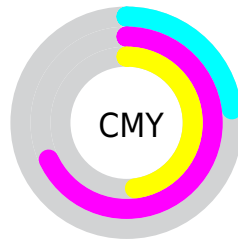
- Red (77%)
- Green (32%)
- Blue (52%)



- Red (77%)
- Yellow (32%)
- Blue (52%)



- Cyan (0%)
- Magenta (59%)
- Yellow (32%)
- Black (23%)





- Cyan (23%)
- Magenta (68%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 51.514, 353.565 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, 51.514, 353.565 by changing the saturation by 10% instead.


 51, 51.514,
353.565


 51, 51.514,
353.565


 100, 51.514,
353.565


 41, 51.514,
353.565


 71, 51.514,
353.565

 31, 51.514,
353.565

 81, 51.514,
353.565

 21, 51.514,
353.565

 91, 51.514,
353.565

 11, 51.514,
353.565

 1, 51.514, 353.565

 0, 51.514, 353.565

51, 51.514,
353.565

51, 51.514,
353.565

48, 58.386,
355.746

55, 43.488,
351.799

45, 63.676,
358.488

59, 34.767,
350.332

43, 67.123, 1.964

64, 25.719,
349.082

42, 68.983, 6.237

69, 16.617,
347.991

42, 69.213, 6.803

74, 7.640, 347.005

80, 1.106, 166.579

85, 9.566, 165.471

91, 17.718,
164.743

■ 96, 24.362,
165.279

Harmonies

Complementary

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



51, 51.514, 353.565



72, 47.713, 159.679

Rectangle

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



51, 51.514, 353.565



51, 51.514, 43.565



51, 51.514, 173.565



51, 51.514, 223.565

Sweetspot

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



51, 51.511, 353.566



88, 19.797, 347.947



46, 69.056, 313.003



45, 13.799, 348.254



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, 51.511, 353.566



61, 72.952, 356.344



50, 50.519, 28.949



38, 4.934, 347.068



34, 59.763, 6.034



3, 15.447, 355.163

Inverse Universe

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



51, 51.511, 353.566



61, 72.952, 356.344



72, 32.243, 200.764



38, 4.934, 347.068



34, 59.763, 6.034



3, 15.447, 355.163

Previews

White Background



This preview shows how the CIELCh color 51, 51.514, 353.565 looks on a white background.

Color Contrast Check

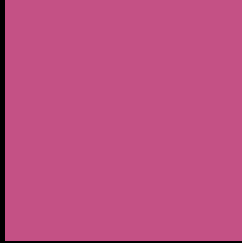
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 51, 51.514, 353.565 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, 51.514, 353.565

Background



This preview shows how black text looks on a background with the CIELCh color 51, 51.514, 353.565.



This preview shows how white text looks on a background with the CIELCh color 51, 51.514, 353.565.

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, 51.514, 353.565

Protanopia

51, 22.245, 284.945

Deuteranopia

51, 7.694, 337.399



Tritanopia
51, 45.475, 21.776

Trichromacy



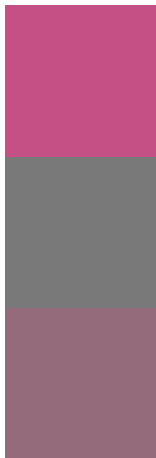
Original Color
51, 51.514, 353.565

Protanomaly
50, 28.556, 321.190

Deuteranomaly
50, 24.933, 347.254

Tritanomaly
51, 46.196, 10.490

Monochromacy



Original Color
51, 51.514, 353.565

Achromatopsia
51, 0.007, 296.813

Achromatomaly
50, 20.221, 348.967

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 51.514, 353.565 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(196, 81, 133)` looks like.

```
.text, #text, p{  
    color:rgb(196, 81, 133)  
}
```

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(196, 81, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 81, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 51.514, 353.565 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(196, 81, 133) }
```

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

```
.border{ border-color:rgb(196, 81, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 81, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 81, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 81, 133);  
box-shadow:4px 4px 4px 4px rgb(196, 81,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 51.514, 353.565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 81, 133) }
```

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

```
.background{ background-color: rgb(196, 81,  
133) }
```

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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