

Converting Colors

CIELCh(53, 45.959, 5.172)

Have a look what the booklet for
CIELCh(53, 45.959, 5.172) contains.

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Color

CIELCh(53, 46.203, 5.235)

Conversions

Conversions Part 1

Format	Color
Hex	C75B79
RGB	199, 91, 121
RGB Percent	78%, 36%, 47%
CMY	0.2191, 0.6426, 0.5250
CMYK	0.00, 0.54, 0.39, 0.22
HSL	343°, 49%, 57%
HSV	343°, 54%, 78%
XYZ	30.7979, 21.0462, 20.5649
YIQ	126.7120, 54.7380, 32.2260

Conversions

Conversions Part 2

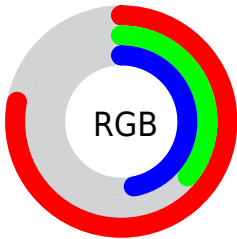
Format	Color
R_{YB}	199, 91, 121
Decimal	13065081
CIE _{Lab}	53.00, 46.01, 4.22
CIE _{LCh}	53, 46.203, 5.235
Yxy	21.0462, 0.4253, 0.2907
Android (android.graphics.Color)	4291255161 (0xFFC75B79)
YUV	126.7120, -2.8160, 63.3966
Hunter-Lab	45.8761, 39.5486, 5.5353

Details

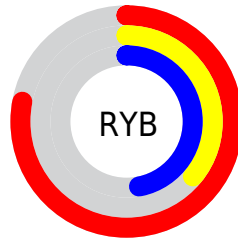
The CIELCh color **53, 46.203, 5.235** is a dark color, and the websafe version is hex **CC6699**. The color can be described as middle muted rose. A complement of this color would be **74, 38.734, 171.627**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 44.646, 4.781**, and **33, 46.224, 4.768** is the 20% darker color. If you saturate the color by 10%, you get **49, 54.151, 7.843**, and if you desaturate by 10%, it is **57, 37.656, 3.160**.

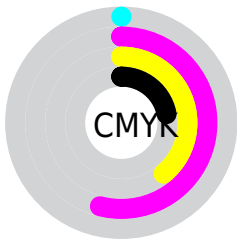
Distribution



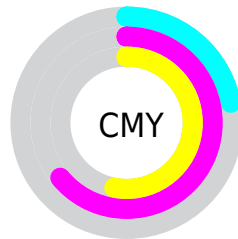
- Red (78%)
- Green (36%)
- Blue (47%)



- Red (78%)
- Yellow (36%)
- Blue (47%)



- Cyan (0%)
- Magenta (54%)
- Yellow (39%)
- Black (22%)



- Cyan (22%)
- Magenta (64%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 46.203, 5.235 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 53, 46.203, 5.235 by changing the saturation by 10% instead.

 53, 46.203, 5.235  53, 46.203, 5.235

 100, 46.203, 5.235  43, 46.203, 5.235

 73, 46.203, 5.235  33, 46.203, 5.235

 83, 46.203, 5.235  23, 46.203, 5.235

 93, 46.203, 5.235  13, 46.203, 5.235

 3, 46.203, 5.235

 0, 46.203, 5.235

 53, 46.203, 5.235  53, 46.203, 5.235

 49, 54.151, 7.843  57, 37.656, 3.160

 46, 61.130, 11.142  62, 28.875, 1.475

44, 66.869, 15.291

67, 20.129, 0.077

42, 71.382, 20.339

73, 11.597,
358.885

42, 73.762, 23.424

78, 3.380, 357.774

83, 4.476, 177.144

89, 11.960,
176.297

95, 19.081,
175.584

96, 18.718,
191.258

Harmonies

Complementary

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



53, 46.203, 5.235



74, 38.734, 171.627

Rectangle

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



53, 46.203, 5.235



53, 46.203, 55.235



53, 46.203, 185.235



53, 46.203, 235.235

Sweetspot

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



53, 46.200, 5.237



89, 15.994, 359.110



52, 65.761, 318.461



46, 10.844, 359.352



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



53, 46.200, 5.237



62, 66.770, 8.354



57, 41.318, 41.491



39, 4.567, 358.355



34, 63.287, 22.513



4, 16.432, 5.327

Inverse Universe

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



53, 46.200, 5.237



62, 66.770, 8.354



68, 27.428, 226.042



39, 4.567, 358.355



34, 63.287, 22.513



4, 16.432, 5.327

Previews

White Background



This preview shows how the CIELCh color 53, 46.203, 5.235 looks on a white background.

Color Contrast Check

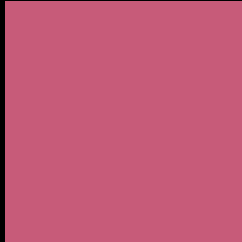
Large Text (above 18pt) WCAG AA ✓ Pass

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 53, 46.203, 5.235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

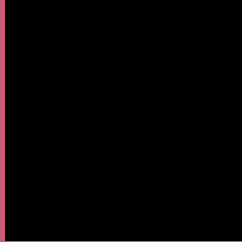
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 46.203, 5.235

Background



This preview shows how black text looks on a background with the CIELCh color 53, 46.203, 5.235.

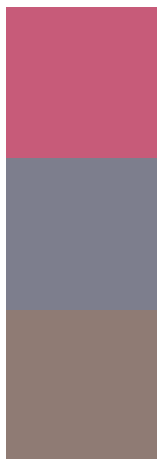


This preview shows how white text looks on a background with the CIELCh color 53, 46.203, 5.235.

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

53, 46.203, 5.235

Protanopia

53, 8.683, 288.758

Deuteranopia

53, 9.308, 45.701



Tritanopia
53, 44.657, 21.320

Trichromacy



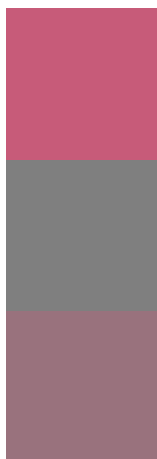
Original Color
53, 46.203, 5.235

Protanomaly
52, 19.660, 343.795

Deuteranomaly
52, 22.108, 11.764

Tritanomaly
53, 44.450, 15.723

Monochromacy



Original Color
53, 46.203, 5.235

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 17.129, 359.860

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 46.203, 5.235 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(199, 91, 121)` looks like.

```
.text, #text, p{  
    color:rgb(199, 91, 121)  
}
```

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(199, 91, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 91, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 46.203, 5.235 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(199, 91, 121) }
```

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

```
.border{ border-color:rgb(199, 91, 121) }
```

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

Here you see how a box with a 4 pixel rgb(199, 91, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 91, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 91, 121);  
box-shadow:4px 4px 4px 4px rgb(199, 91,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 46.203, 5.235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 91, 121) }
```

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

```
.background{ background-color: rgb(199, 91,  
121) }
```

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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