

Converting Colors

CIELCh(51, 55.951, 11.550)

Have a look what the booklet for
CIELCh(51, 55.951, 11.550) contains.

CIELCh(51, 55.910, 11.383)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(51, 55.910, 11.383)

Conversions

Conversions Part 1

Format	Color
Hex	CF4A69
RGB	207, 74, 105
RGB Percent	81%, 29%, 41%
CMY	0.1871, 0.7087, 0.5873
CMYK	0.00, 0.64, 0.49, 0.19
HSL	346°, 58%, 55%
HSV	346°, 64%, 81%
XYZ	30.8461, 19.2686, 15.5239
YIQ	117.3010, 69.3170, 37.8370

Conversions

Conversions Part 2

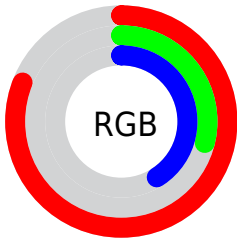
Format	Color
R_{YB}	207, 74, 105
Decimal	13585001
CIE Lab	51.00, 54.81, 11.03
CIE LCh	51, 55.910, 11.383
Yxy	19.2686, 0.4699, 0.2936
Android (android.graphics.Color)	4291775081 (0xFFCF4A69)
YUV	117.3010, -6.0644, 78.6660
Hunter-Lab	43.8960, 48.6155, 9.7592

Details

The CIELCh color **51, 55.910, 11.383** is a dark color, and the websafe version is hex **CC3366**. The color can be described as dark muted rose. A complement of this color would be **76, 43.699, 173.718**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 51.100, 9.108**, and **31, 55.799, 11.456** is the 20% darker color. If you saturate the color by 10%, you get **48, 63.484, 14.829**, and if you desaturate by 10%, it is **55, 47.459, 8.665**.

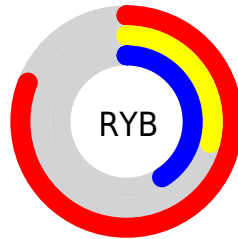
Distribution



Red (81%)

Green (29%)

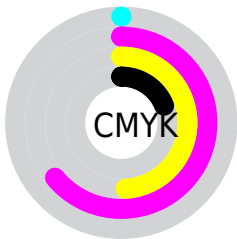
Blue (41%)



Red (81%)

Yellow (29%)

Blue (41%)

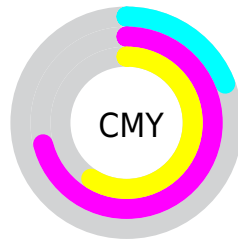


Cyan (0%)

Magenta (64%)

Yellow (49%)

Black (19%)



Cyan (19%)

Magenta (71%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 55.910, 11.383 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, 55.910, 11.383 by changing the saturation by 10% instead.

■ 51, 55.910, 11.383

■ 51, 55.910, 11.383

■ 100, 55.910,
11.383

■ 41, 55.910, 11.383

■ 71, 55.910, 11.383

■ 31, 55.910, 11.383

■ 81, 55.910, 11.383

■ 21, 55.910, 11.383

■ 91, 55.910, 11.383

■ 11, 55.910, 11.383

■ 1, 55.910, 11.383

■ 0, 55.910, 11.383

■ 51, 55.910, 11.383

■ 51, 55.910, 11.383

■ 48, 63.484, 14.829

■ 55, 47.459, 8.665

■ 45, 69.934, 19.127

■ 59, 38.510, 6.507

■ 44, 75.263, 24.261

■ 64, 29.408, 4.769

■ 44, 78.144, 27.372

■ 70, 20.416, 3.341

■ 75, 11.702, 2.136

■ 81, 3.360, 1.016

■ 87, 4.576, 180.407

■ 92, 12.102,
179.570

■ 97, 16.472,
186.502

Harmonies

Complementary

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



51, 55.910, 11.383



76, 43.699, 173.718

Rectangle

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



51, 55.910, 11.383



51, 55.910, 61.383



51, 55.910, 191.383



51, 55.910, 241.383

Sweetspot

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



51, 55.907, 11.385



87, 18.788, 2.723



50, 79.153, 320.245



45, 13.013, 3.080



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, 55.907, 11.385



57, 77.209, 16.341



57, 51.072, 46.042



41, 4.667, 1.614



35, 66.459, 26.466



4, 20.289, 8.722

Inverse Universe

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



51, 55.907, 11.385



57, 77.209, 16.341



66, 31.861, 236.237



41, 4.667, 1.614



35, 66.459, 26.466



4, 20.289, 8.722

Previews

White Background



This preview shows how the CIELCh color 51, 55.910, 11.383 looks on a white background.

Color Contrast Check

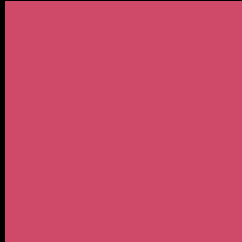
Large Text (above 18pt) WCAG AA ✓ Pass

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, 55.910, 11.383 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, 55.910, 11.383

Background



This preview shows how black text looks on a background with the CIELCh color 51, 55.910, 11.383.



This preview shows how white text looks on a background with the CIELCh color 51, 55.910, 11.383.

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, 56.151, 25.750

Trichromacy



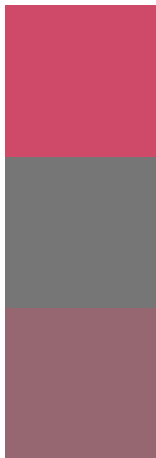
Original Color
51, 55.910, 11.383

Protanomaly
50, 22.292, 356.197

Deuteranomaly
50, 28.476, 23.074

Tritanomaly
51, 55.543, 20.452

Monochromacy



Original Color
51, 55.910, 11.383

Achromatopsia
50, 0.007, 296.813

Achromatomaly
48, 21.038, 4.589

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 55.910, 11.383 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(207, 74, 105)` looks like.

```
.text, #text, p{  
  color:rgb(207, 74, 105)  
}
```

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(207, 74, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 74, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 55.910, 11.383 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(207, 74, 105) }
```

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

```
.border{ border-color:rgb(207, 74, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 74, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 74, 105); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 74, 105); box-shadow:4px 4px 4px 4px rgb(207, 74, 105) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 55.910, 11.383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 74, 105) }
```

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

```
.background{ background-color: rgb(207, 74,  
105) }
```

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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