

Converting Colors

CIELCh(51, 56.219, 9.823)

Have a look what the booklet for
CIELCh(51, 56.219, 9.823) contains.

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Color

CIELCh(51, 56.219, 9.823)

Conversions

Conversions Part 1

Format	Color
Hex	D04A6C
RGB	208, 74, 108
RGB Percent	82%, 29%, 42%
CMY	0.1860, 0.7113, 0.5778
CMYK	0.00, 0.65, 0.48, 0.19
HSL	345°, 59%, 55%
HSV	345°, 65%, 81%
XYZ	31.0038, 19.2686, 16.1762
YIQ	117.9420, 68.9500, 38.9820

Conversions

Conversions Part 2

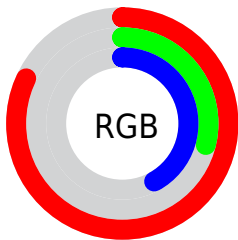
Format	Color
RYB	208, 74, 108
Decimal	13650540
CIELab	51.00, 55.39, 9.59
CIElCh	51, 56.219, 9.823
Yxy	19.2686, 0.4666, 0.2900
Android (android.graphics.Color)	4291840620 (0xFFD04A6C)
YUV	117.9420, -4.9014, 78.9809
Hunter-Lab	43.8960, 49.2567, 8.8781

Details

The CIELCh color **51, 56.219, 9.823** 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, 44.797, 171.933**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 51.200, 7.302**, and **31, 56.086, 9.697** is the 20% darker color. If you saturate the color by 10%, you get **48, 63.572, 13.245**, and if you desaturate by 10%, it is **55, 47.908, 7.125**.

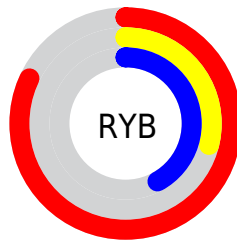
Distribution



Red (82%)

Green (29%)

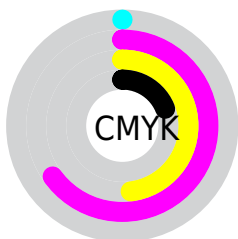
Blue (42%)



Red (82%)

Yellow (29%)

Blue (42%)

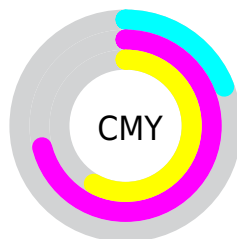


Cyan (0%)

Magenta (65%)

Yellow (48%)

Black (19%)



Cyan (19%)

Magenta (71%)


Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 56.219, 9.823 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, 56.219, 9.823 by changing the saturation by 10% instead.

 51, 56.219, 9.823  51, 56.219, 9.823

 100, 56.219, 9.823  41, 56.219, 9.823

 71, 56.219, 9.823  31, 56.219, 9.823

 81, 56.219, 9.823  21, 56.219, 9.823


 91, 56.219, 9.823  11, 56.219, 9.823

 1, 56.219, 9.823

 0, 56.219, 9.823

 51, 56.219, 9.823  51, 56.219, 9.823

 48, 63.572, 13.245  55, 47.908, 7.125

 46, 69.719, 17.526  59, 39.028, 4.981

44, 74.686, 22.676

64, 29.937, 3.250

44, 77.205, 25.615

70, 20.912, 1.822

75, 12.134, 0.613

81, 3.702, 359.500

86, 4.339, 178.869

92, 11.981,
178.016

97, 16.602,
184.053

Harmonies

Complementary

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



51, 56.219, 9.823



76, 44.797, 171.933

Rectangle

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



51, 56.219, 9.823



51, 56.219, 59.823



51, 56.219, 189.823



51, 56.219, 239.823

Sweetspot

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



51, 56.216, 9.825



87, 18.933, 1.158



50, 79.493, 319.217



45, 13.108, 1.513



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, 56.216, 9.825



58, 76.833, 14.591



56, 52.349, 43.392



41, 4.709, 0.049



35, 65.631, 24.693



4, 20.345, 7.757

Inverse Universe

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



51, 56.216, 9.825



58, 76.833, 14.591



67, 31.782, 230.810



41, 4.709, 0.049



35, 65.631, 24.693



4, 20.345, 7.757

Previews

White Background



This preview shows how the CIELCh color 51, 56.219, 9.823 looks on a white background.

Color Contrast Check

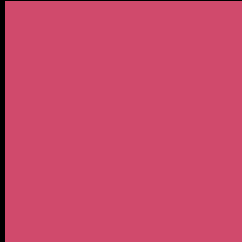
Large Text (above 18pt) WCAG AA ✓ Pass

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, 56.219, 9.823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

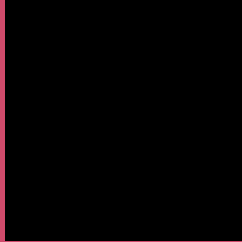
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 56.219, 9.823

Background



This preview shows how black text looks on a background with the CIELCh color 51, 56.219, 9.823.



This preview shows how white text looks on a background with the CIELCh color 51, 56.219, 9.823.

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, 56.219, 9.823

Protanopia

51, 7.579, 291.147

Deuteranopia

51, 14.078, 61.115



Tritanopia
51, 56.458, 25.358

Trichromacy



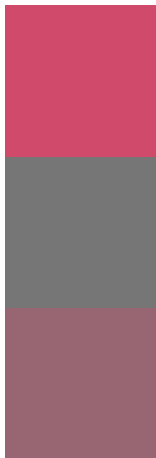
Original Color
51, 56.219, 9.823

Protanomaly
50, 22.598, 351.556

Deuteranomaly
50, 27.845, 20.690

Tritanomaly
51, 56.151, 19.641

Monochromacy



Original Color
51, 56.219, 9.823

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 21.556, 3.495

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 56.219, 9.823 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(208, 74, 108)` looks like.

```
.text, #text, p{  
    color:rgb(208, 74, 108)  
}
```

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(208, 74, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 74, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 56.219, 9.823 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(208, 74, 108) }
```

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

```
.border{ border-color:rgb(208, 74, 108) }
```

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

Here you see how a box with a 4 pixel rgb(208, 74, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 74, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 74, 108);  
box-shadow:4px 4px 4px 4px rgb(208, 74,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 56.219, 9.823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 74, 108) }
```

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

```
.background{ background-color: rgb(208, 74,  
108) }
```

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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