

Converting Colors

CIELCh(51, 9.068, 256.094)

Have a look what the booklet for
CIELCh(51, 9.068, 256.094) contains.

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Color

CIELCh(51, 9.068, 256.094)

Conversions

Conversions Part 1

Format	Color
Hex	6D7B88
RGB	109, 123, 136
RGB Percent	43%, 48%, 53%
CMY	0.5717, 0.5168, 0.4658
CMYK	0.20, 0.10, 0.00, 0.47
HSL	209°, 11%, 48%
HSV	209°, 20%, 53%
XYZ	17.9027, 19.2686, 26.1510
YIQ	120.2960, -12.5170, 1.0750

Conversions

Conversions Part 2

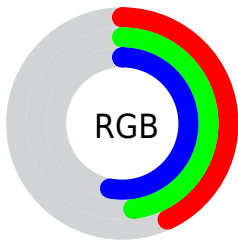
Format	Color
R _Y B	109, 118, 136
Decimal	7175048
CIE Lab	51.00, -2.18, -8.80
CIE LCh	51, 9.068, 256.094
Yxy	19.2686, 0.2827, 0.3043
Android (android.graphics.Color)	4285365128 (0xFF6D7B88)
YUV	120.2960, 7.7421, -9.9066
Hunter-Lab	43.8960, -4.0178, -4.5947

Details

The CIELCh color `51, 9.068, 256.094` is a dark color, and the websafe version is hex `666666`. A complement of this color would be `52, 9.591, 71.054`, and the grayscale version is `51, 0.007, 296.813`.

A 20% lighter version of the original color is `71, 9.016, 257.458`, and `31, 9.038, 257.224` is the 20% darker color. If you saturate the color by 10%, you get `48, 13.532, 257.807`, and if you desaturate by 10%, it is `54, 4.525, 254.660`.

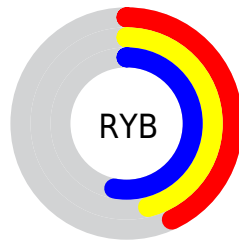
Distribution



Red (43%)

Green (48%)

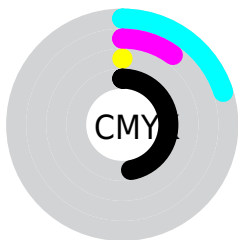
Blue (53%)



Red (43%)

Yellow (46%)

Blue (53%)

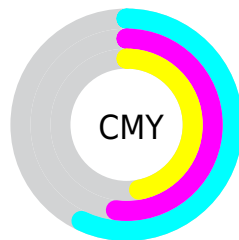


Cyan (20%)

Magenta (10%)

Yellow (0%)

Black (47%)



Cyan (57%)

Magenta (52%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 9.068, 256.094 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, 9.068, 256.094 by changing the saturation by 10% instead.

■ 51, 9.068, 256.094

■ 51, 9.068, 256.094

■ 100, 9.068,
256.094

■ 41, 9.068, 256.094

■ 71, 9.068, 256.094

■ 31, 9.068, 256.094

■ 81, 9.068, 256.094

■ 21, 9.068, 256.094

■ 91, 9.068, 256.094

■ 11, 9.068, 256.094

■ 1, 9.068, 256.094

■ 0, 9.068, 256.094

■ 51, 9.068, 256.094

■ 51, 9.068, 256.094

■ 48, 13.532,
257.807

■ 54, 4.525, 254.660

■ 57, 0.075, 69.538

■ 45, 17.902,
259.857

■ 60, 4.714, 72.247

■ 43, 22.162,
262.292

■ 63, 9.374, 71.374

■ 40, 26.314,
265.168

■ 66, 14.040, 70.604

■ 37, 30.372,
268.519

■ 69, 18.701, 69.931

■ 35, 34.380,
272.345

■ 72, 23.345, 69.338

■ 32, 38.400,
276.583

■ 75, 27.965, 68.815

■ 30, 42.546,
280.855

■ 78, 32.555, 68.349

■ 30, 42.621,
280.924

Harmonies

Complementary

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



51, 9.068, 256.094



52, 9.591, 71.054

Rectangle

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



51, 9.068, 256.094



51, 9.068, 306.094



51, 9.068, 76.094



51, 9.068, 126.094

Sweetspot

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



51, 9.067, 256.087



70, 3.414, 254.218



54, 13.512, 160.277



36, 2.282, 254.279



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



51, 9.067, 256.087



63, 13.479, 256.856



47, 15.454, 291.014



28, 2.623, 254.577



29, 41.695, 280.793



1, 1.224, 253.392

Inverse Universe

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



49, 13.658, 344.294



60, 20.445, 344.739



56, 14.831, 106.914



27, 3.881, 343.343



28, 52.494, 359.035



0, 1.783, 342.662

Previews

White Background



This preview shows how the CIELCh color 51, 9.068, 256.094 looks on a white background.

Color Contrast Check

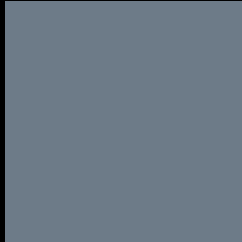
Large Text (above 18pt) WCAG AA ✓ Pass

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, 9.068, 256.094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

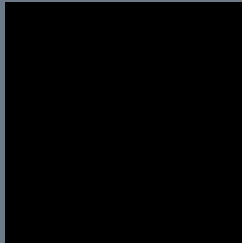
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

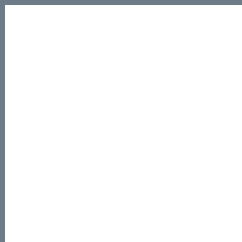
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 51, 9.068, 256.094

Background



This preview shows how black text looks on a background with the CIELCh color 51, 9.068, 256.094.



This preview shows how white text looks on a background with the CIELCh color 51, 9.068, 256.094.

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, 9.068, 256.094

Protanopia

51, 8.173, 291.227

Deuteranopia

51, 11.560, 306.931



Tritanopia
51, 7.977, 246.119

Trichromacy



Original Color
51, 9.068, 256.094

Protanomaly
51, 8.342, 278.112

Deuteranomaly
51, 9.922, 291.445

Tritanomaly
51, 8.385, 249.080

Monochromacy



Original Color
51, 9.068, 256.094

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 3.477, 256.460

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 9.068, 256.094 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(109, 123, 136)` looks like.

```
.text, #text, p{  
    color:rgb(109, 123, 136)  
}
```

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(109, 123, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 123, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 9.068, 256.094 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(109, 123, 136) }
```

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

```
.border{ border-color:rgb(109, 123, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 123, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 123, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 123, 136);  
box-shadow:4px 4px 4px 4px rgb(109, 123,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 9.068, 256.094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 123, 136) }
```

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

```
.background{ background-color: rgb(109,  
123, 136) }
```

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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