

Converting Colors

CIELCh(51, 8.070, 238.842)

Have a look what the booklet for
CIELCh(51, 8.070, 238.842) contains.

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Color

CIELCh(51, 8.126, 239.296)

Conversions

Conversions Part 1

Format	Color
Hex	6B7C85
RGB	107, 124, 133
RGB Percent	42%, 49%, 52%
CMY	0.5800, 0.5133, 0.4780
CMYK	0.20, 0.07, 0.00, 0.48
HSL	201°, 11%, 47%
HSV	201°, 20%, 52%
XYZ	17.5361, 19.2686, 25.0220
YIQ	119.9430, -13.0210, -0.8050

Conversions

Conversions Part 2

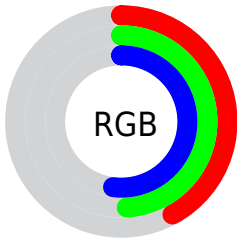
Format	Color
R_{YB}	107, 117, 133
Decimal	7044229
CIE _{Lab}	51.00, -4.15, -6.99
CIE _{LCh}	51, 8.126, 239.296
Yxy	19.2686, 0.2836, 0.3117
Android (android.graphics.Color)	4285234309 (0xFF6B7C85)
YUV	119.9430, 6.4371, -11.3510
Hunter-Lab	43.8960, -5.5086, -3.0698

Details

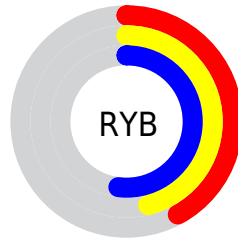
The CIELCh color $51, 8.126, 239.296$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $50, 8.947, 55.698$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 8.059, 241.883$, and $31, 8.361, 242.301$ is the 20% darker color. If you saturate the color by 10%, you get $49, 12.022, 240.635$, and if you desaturate by 10%, it is $53, 4.040, 238.227$.

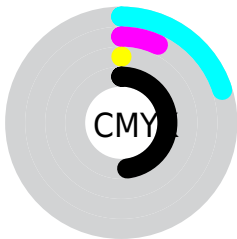
Distribution



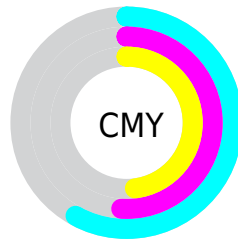
- Red (42%)
- Green (49%)
- Blue (52%)



- Red (42%)
- Yellow (46%)
- Blue (52%)



- Cyan (20%)
- Magenta (7%)
- Yellow (0%)
- Black (48%)



- Cyan (58%)
- Magenta (51%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 8.126, 239.296 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, 8.126, 239.296 by changing the saturation by 10% instead.

■ 51, 8.126, 239.296

■ 51, 8.126, 239.296

■ 100, 8.126,
239.296

■ 41, 8.126, 239.296

■ 71, 8.126, 239.296

■ 31, 8.126, 239.296

■ 81, 8.126, 239.296

■ 21, 8.126, 239.296

■ 91, 8.126, 239.296

■ 11, 8.126, 239.296

■ 1, 8.126, 239.296

■ 0, 8.126, 239.296

■ 51, 8.126, 239.296

■ 51, 8.126, 239.296

■ 49, 12.022,
240.635

■ 53, 4.040, 238.227

■ 56, 0.196, 55.428

47, 15.689,
242.306

58, 4.549, 56.429

44, 19.090,
244.370

61, 8.989, 55.865

42, 22.197,
246.901

63, 13.490, 55.381

40, 25.001,
249.974

65, 18.033, 54.975

39, 27.522,
253.646

68, 22.599, 54.634

37, 29.821,
257.923

70, 27.175, 54.347

35, 32.068,
262.472

73, 31.750, 54.103

35, 32.177,
262.672

Harmonies

Complementary

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



51, 8.126, 239.296



50, 8.947, 55.698

Rectangle

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



51, 8.126, 239.296



51, 8.126, 289.296



51, 8.126, 59.296



51, 8.126, 109.296

Sweetspot

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



51, 8.126, 239.288



69, 3.174, 237.949



53, 14.455, 154.233



36, 2.095, 237.987



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



51, 8.126, 239.288



64, 11.777, 239.789



47, 12.878, 284.708



27, 2.384, 238.191



34, 31.599, 262.545



0, 0.580, 237.294

Inverse Universe

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



48, 14.466, 337.585



60, 21.175, 337.895



54, 12.554, 100.224



26, 4.134, 336.800



28, 54.795, 347.634



0, 0.982, 336.208

Previews

White Background



This preview shows how the CIELCh color 51, 8.126, 239.296 looks on a white background.

Color Contrast Check

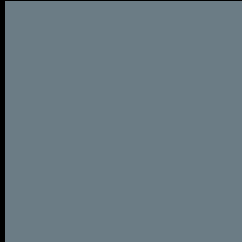
Large Text (above 18pt) WCAG AA ✓ Pass

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, 8.126, 239.296 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

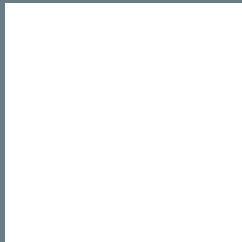
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 51, 8.126, 239.296

Background



This preview shows how black text looks on a background with the CIELCh color 51, 8.126, 239.296.



This preview shows how white text looks on a background with the CIELCh color 51, 8.126, 239.296.

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

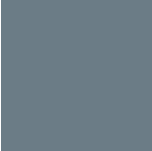
51, 8.126, 239.296

Protanopia

51, 6.441, 294.454

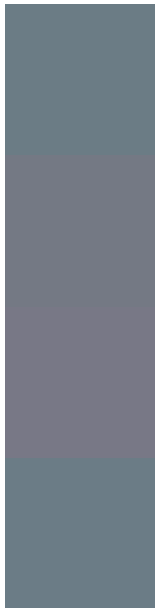
Deuteranopia

51, 10.020, 311.706



Tritanopia
51, 8.482, 242.532

Trichromacy



Original Color
51, 8.126, 239.296

Protanomaly
51, 6.658, 274.313

Deuteranomaly
51, 8.173, 291.227

Tritanomaly
51, 8.482, 242.532

Monochromacy



Original Color
51, 8.126, 239.296

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 3.280, 244.828

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 8.126, 239.296 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(107, 124, 133)` looks like.

```
.text, #text, p{  
    color:rgb(107, 124, 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(107, 124, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 124, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 8.126, 239.296 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(107, 124, 133) }
```

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

```
.border{ border-color:rgb(107, 124, 133) }
```

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

Here you see how a box with a 4 pixel rgb(107, 124, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 124, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 124, 133);  
box-shadow:4px 4px 4px 4px rgb(107, 124,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 8.126, 239.296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 124, 133) }
```

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

```
.background{ background-color: rgb(107,  
124, 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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