

Converting Colors

CIELCh(51, 10.978, 259.268)

Have a look what the booklet for
CIELCh(51, 10.978, 259.268)
contains.

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Color

CIELCh(51, 11.338, 260.439)

Conversions

Conversions Part 1

Format	Color
Hex	6B7B8C
RGB	107, 123, 140
RGB Percent	42%, 48%, 55%
CMY	0.5794, 0.5167, 0.4500
CMYK	0.24, 0.12, 0.00, 0.45
HSL	211°, 13%, 49%
HSV	211°, 24%, 55%
XYZ	17.9583, 19.2686, 27.6807
YIQ	120.1540, -14.9930, 1.8950

Conversions

Conversions Part 2

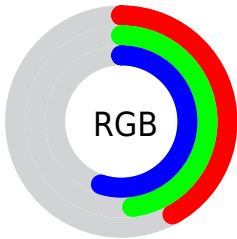
Format	Color
R_{YB}	107, 118, 140
Decimal	7043980
CIE _{Lab}	51.00, -1.88, -11.18
CIE _{LCh}	51, 11.338, 260.439
Yxy	19.2686, 0.2767, 0.2969
Android (android.graphics.Color)	4285234060 (0xFF6B7B8C)
YUV	120.1540, 9.7841, -11.5361
Hunter-Lab	43.8960, -3.7920, -6.6608

Details

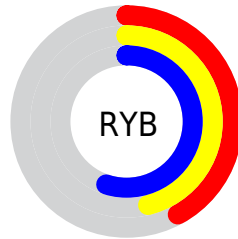
The CIELCh color $51, 11.338, 260.439$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $53, 11.981, 74.172$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 11.652, 262.504$, and $31, 11.480, 262.255$ is the 20% darker color. If you saturate the color by 10%, you get $48, 16.074, 262.304$, and if you desaturate by 10%, it is $54, 6.547, 258.863$.

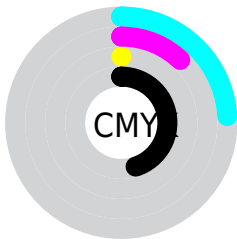
Distribution



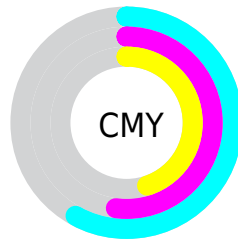
- Red (42%)
- Green (48%)
- Blue (55%)



- Red (42%)
- Yellow (46%)
- Blue (55%)



- Cyan (24%)
- Magenta (12%)
- Yellow (0%)
- Black (45%)





- Cyan (58%)
- Magenta (52%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 11.338, 260.439 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, 11.338, 260.439 by changing the saturation by 10% instead.


 51, 11.338,
260.439


 51, 11.338,
260.439


 100, 11.338,
260.439


 41, 11.338,
260.439


 71, 11.338,
260.439

 31, 11.338,
260.439

 81, 11.338,
260.439

 21, 11.338,
260.439

 91, 11.338,
260.439

 11, 11.338,
260.439

 1, 11.338, 260.439

 0, 11.338, 260.439

■ 51, 11.338,
260.439

■ 51, 11.338,
260.439

■ 48, 16.074,
262.304

■ 54, 6.547, 258.863

■ 45, 20.745,
264.516

■ 57, 1.718, 257.629

■ 60, 3.133, 76.228

■ 42, 25.346,
267.124

■ 64, 7.991, 75.288

■ 39, 29.889,
270.171

■ 67, 12.844, 74.441

■ 70, 17.680, 73.698

■ 36, 34.402,
273.672

■ 73, 22.489, 73.042

■ 34, 38.937,
277.596

■ 76, 27.265, 72.461

■ 79, 32.002, 71.944

■ 31, 43.558,
281.834

■ 30, 46.649,

284.450

Harmonies

Complementary

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



51, 11.338, 260.439



53, 11.981, 74.172

Rectangle

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



51, 11.338, 260.439



51, 11.338, 310.439



51, 11.338, 80.439



51, 11.338, 130.439

Sweetspot

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



51, 11.337, 260.434



72, 4.230, 258.013



56, 15.995, 161.627



37, 2.738, 258.072



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



51, 11.337, 260.434



64, 16.764, 261.344



46, 19.611, 292.815



29, 2.776, 258.269



28, 45.255, 284.282



1, 1.882, 257.051

Inverse Universe

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



49, 16.302, 346.534



61, 24.242, 347.062



58, 18.593, 107.973



28, 3.911, 345.178



28, 52.857, 2.205



1, 2.612, 344.472

Previews

White Background



This preview shows how the CIELCh color 51, 11.338, 260.439 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, 11.338, 260.439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

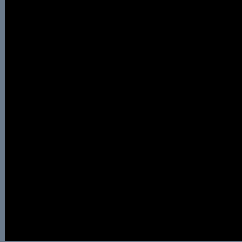
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

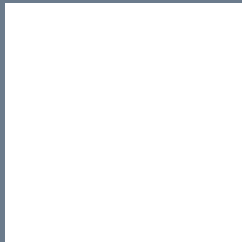
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 51, 11.338, 260.439

Background



This preview shows how black text looks on a background with the CIELCh color 51, 11.338, 260.439.



This preview shows how white text looks on a background with the CIELCh color 51, 11.338, 260.439.

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

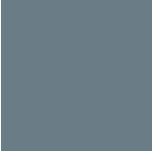
51, 11.338, 260.439

Protanopia

51, 10.519, 287.423

Deuteranopia

51, 13.608, 299.805



Tritanopia
51, 8.743, 240.906

Trichromacy



Original Color
51, 11.338, 260.439

Protanomaly
51, 10.754, 277.518

Deuteranomaly
51, 12.283, 286.539

Tritanomaly
51, 9.497, 246.605

Monochromacy



Original Color
51, 11.338, 260.439

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 4.169, 256.656

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 11.338, 260.439 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, 123, 140)` looks like.

```
.text, #text, p{  
    color:rgb(107, 123, 140)  
}
```

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, 123, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 123, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 11.338, 260.439 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, 123, 140) }
```

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

```
.border{ border-color:rgb(107, 123, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 123, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 123, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 123, 140);  
box-shadow:4px 4px 4px 4px rgb(107, 123,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 11.338, 260.439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 123, 140) }
```

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

```
.background{ background-color: rgb(107,  
123, 140) }
```

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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