

Converting Colors

CIE LCh(51, 11.202, 262.632)

Have a look what the booklet for
CIELCh(51, 11.202, 262.632)
contains.

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Color

CIELCh(51, 11.173, 262.021)

Conversions

Conversions Part 1

Format	Color
Hex	6C7B8C
RGB	108, 123, 140
RGB Percent	42%, 48%, 55%
CMY	0.5762, 0.5174, 0.4507
CMYK	0.23, 0.12, 0.00, 0.45
HSL	212°, 13%, 49%
HSV	212°, 23%, 55%
XYZ	18.0208, 19.2686, 27.6049
YIQ	120.4530, -14.3970, 2.1070

Conversions

Conversions Part 2

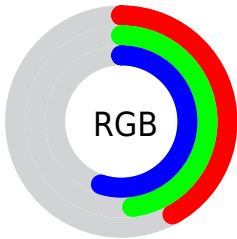
Format	Color
R _Y B	108, 118, 140
Decimal	7109516
CIE Lab	51.00, -1.55, -11.06
CIE LCh	51, 11.173, 262.021
Yxy	19.2686, 0.2777, 0.2969
Android (android.graphics.Color)	4285299596 (0xFF6C7B8C)
YUV	120.4530, 9.6367, -10.9213
Hunter-Lab	43.8960, -3.5380, -6.5585

Details

The CIELCh color $51, 11.173, 262.021$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $53, 11.717, 75.903$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 11.502, 264.021$, and $31, 11.322, 263.866$ is the 20% darker color. If you saturate the color by 10%, you get $48, 16.008, 263.869$, and if you desaturate by 10%, it is $54, 6.299, 260.455$.

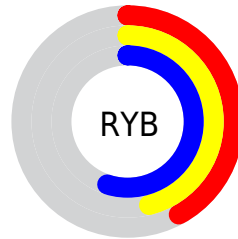
Distribution



Red (42%)

Green (48%)

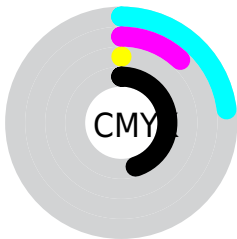
Blue (55%)



Red (42%)

Yellow (46%)

Blue (55%)

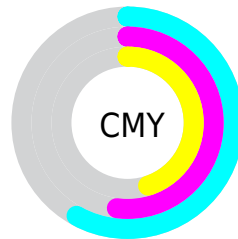


Cyan (23%)

Magenta (12%)

Yellow (0%)

Black (45%)



Cyan (58%)


Magenta (52%)


Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 11.173, 262.021 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, 11.173, 262.021 by changing the saturation by 10% instead.


 51, 11.173,
262.021


 51, 11.173,
262.021


 100, 11.173,
262.021


 41, 11.173,
262.021


 71, 11.173,
262.021

 31, 11.173,
262.021


 81, 11.173,
262.021

 21, 11.173,
262.021

 91, 11.173,
262.021

 11, 11.173,
262.021

 1, 11.173, 262.021

 0, 11.173, 262.021

■ 51, 11.173,
262.021

■ 51, 11.173,
262.021

■ 48, 16.008,
263.869

■ 54, 6.299, 260.455

■ 45, 20.797,
266.057

■ 57, 1.403, 259.255

■ 61, 3.504, 77.838

■ 42, 25.537,
268.630

■ 64, 8.407, 76.887

■ 39, 30.239,
271.629

■ 67, 13.295, 76.036

■ 70, 18.157, 75.286

■ 36, 34.934,
275.070

■ 73, 22.987, 74.624

■ 33, 39.669,
278.920

■ 77, 27.777, 74.036

■ 80, 32.522, 73.511

■ 31, 44.502,
283.075

■ 29, 48.074,

285.929

Harmonies

Complementary

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



51, 11.173, 262.021



53, 11.717, 75.903

Rectangle

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



51, 11.173, 262.021



51, 11.173, 312.021



51, 11.173, 82.021



51, 11.173, 132.021

Sweetspot

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



51, 11.172, 262.016



71, 4.239, 259.695



56, 15.321, 162.580



37, 2.776, 259.755



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, 11.172, 262.016



63, 16.255, 262.852



47, 18.996, 293.303



27, 2.731, 259.948



27, 45.960, 285.684



1, 1.270, 258.730

Inverse Universe

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



49, 15.647, 347.390



61, 22.880, 347.886



57, 18.040, 108.753



27, 3.754, 346.075



28, 52.035, 3.611



0, 1.722, 345.364

Previews

White Background



This preview shows how the CIELCh color 51, 11.173, 262.021 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, 11.173, 262.021 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

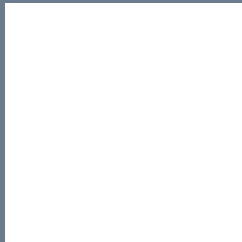
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 51, 11.173, 262.021

Background



This preview shows how black text looks on a background with the CIELCh color 51, 11.173, 262.021.



This preview shows how white text looks on a background with the CIELCh color 51, 11.173, 262.021.

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

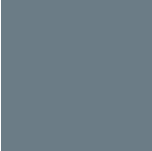
51, 11.173, 262.021

Protanopia

51, 10.519, 287.423

Deuteranopia

51, 13.668, 301.375



Tritanopia
51, 8.482, 242.532

Trichromacy



Original Color
51, 11.173, 262.021

Protanomaly
51, 10.754, 277.518

Deuteranomaly
51, 12.262, 288.260

Tritanomaly
51, 9.262, 248.234

Monochromacy



Original Color
51, 11.173, 262.021

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 4.163, 256.648

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 11.173, 262.021 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(108, 123, 140)` looks like.

```
.text, #text, p{  
    color:rgb(108, 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(108, 123, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 123, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 11.173, 262.021 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(108, 123, 140) }
```

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

```
.border{ border-color:rgb(108, 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(108, 123, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 123, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 123, 140);  
box-shadow:4px 4px 4px 4px rgb(108, 123,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 11.173, 262.021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 123, 140) }
```

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

```
.background{ background-color: rgb(108,  
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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