

Converting Colors

CIELCh(51, 11.149, 285.434)

Have a look what the booklet for
CIELCh(51, 11.149, 285.434)
contains.

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Color

CIELCh(51, 11.143, 283.899)

Conversions

Conversions Part 1

Format	Color
Hex	75798C
RGB	117, 121, 140
RGB Percent	46%, 47%, 55%
CMY	0.5421, 0.5264, 0.4519
CMYK	0.16, 0.14, 0.00, 0.45
HSL	230°, 9%, 50%
HSV	230°, 16%, 55%
XYZ	18.8282, 19.2686, 27.4429
YIQ	121.9700, -8.4830, 5.0610

Conversions

Conversions Part 2

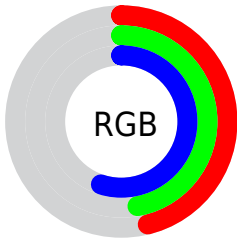
Format	Color
R_{YB}	117, 120, 140
Decimal	7698828
CIE Lab	51.00, 2.68, -10.82
CIE LCh	51, 11.143, 283.899
Yxy	19.2686, 0.2873, 0.2940
Android (android.graphics.Color)	4285888908 (0xFF75798C)
YUV	121.9700, 8.8888, -4.3587
Hunter-Lab	43.8960, -0.2545, -6.3397

Details

The CIELCh color $51, 11.143, 283.899$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $56, 10.914, 100.128$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 11.531, 284.240$, and $31, 10.943, 281.778$ is the 20% darker color. If you saturate the color by 10%, you get $47, 18.191, 285.350$, and if you desaturate by 10%, it is $55, 4.309, 282.658$.

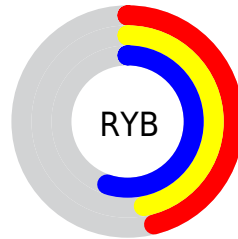
Distribution



Red (46%)

Green (47%)

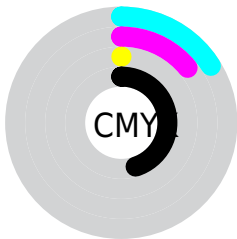
Blue (55%)



Red (46%)

Yellow (47%)

Blue (55%)

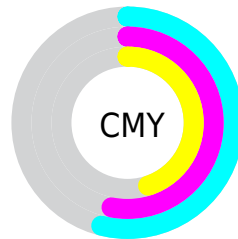


Cyan (16%)

Magenta (14%)

Yellow (0%)

Black (45%)



Cyan (54%)


Magenta (53%)


Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 11.143, 283.899 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, 11.143, 283.899 by changing the saturation by 10% instead.


 51, 11.143,
283.899


 51, 11.143,
283.899


 100, 11.143,
283.899


 41, 11.143,
283.899


 71, 11.143,
283.899

 31, 11.143,
283.899

 81, 11.143,
283.899

 21, 11.143,
283.899

 91, 11.143,
283.899

 11, 11.143,
283.899

 1, 11.143, 283.899

 0, 11.143, 283.899

■ 51, 11.143,
283.899

■ 51, 11.143,
283.899

■ 47, 18.191,
285.350

■ 55, 4.309, 282.658

■ 42, 25.475,
287.046

■ 60, 2.325, 101.507

■ 64, 8.770, 100.608

■ 38, 33.014,
289.013

■ 68, 15.038, 99.802

■ 34, 40.825,
291.269

■ 73, 21.138, 99.094

■ 77, 27.077, 98.471

■ 30, 48.899,
293.801

■ 81, 32.863, 97.919

■ 26, 57.154,
296.540

■ 85, 38.503, 97.428

■ 89, 44.003, 96.990

■ 22, 65.343,
299.336

■ 19, 72.964,

301.928

■ 18, 75.430,
302.684

Harmonies

Complementary

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



51, 11.143, 283.899



56, 10.914, 100.128

Rectangle

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



51, 11.143, 283.899



51, 11.143, 333.899



51, 11.143, 103.899



51, 11.143, 153.899

Sweetspot

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



51, 11.142, 283.895



71, 4.119, 282.511



56, 9.112, 183.158



37, 2.834, 282.578



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, 11.142, 283.895



63, 16.833, 284.446



51, 13.779, 303.384



27, 3.736, 282.970



17, 72.305, 302.559



0, 1.713, 281.921

Inverse Universe

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



51, 9.716, 6.760



64, 14.742, 7.209



57, 13.373, 121.538



27, 3.229, 5.988



27, 57.325, 29.727



0, 1.463, 5.249

Previews

White Background



This preview shows how the CIELCh color 51, 11.143, 283.899 looks on a white background.

Color Contrast Check

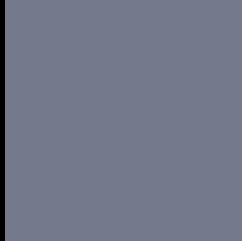
Large Text (above 18pt) WCAG AA ✓ Pass

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, 11.143, 283.899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

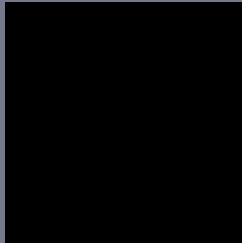
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

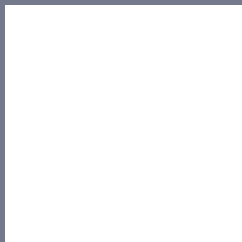
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 51, 11.143, 283.899

Background



This preview shows how black text looks on a background with the CIELCh color 51, 11.143, 283.899.



This preview shows how white text looks on a background with the CIELCh color 51, 11.143, 283.899.

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

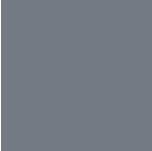
51, 11.143, 283.899

Protanopia

51, 11.681, 288.002

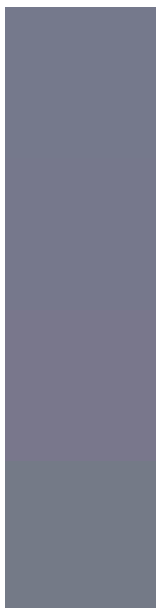
Deuteranopia

51, 13.094, 301.759



Tritanopia
51, 6.358, 266.065

Trichromacy



Original Color
51, 11.143, 283.899

Protanomaly
51, 11.681, 288.002

Deuteranomaly
51, 12.304, 295.235

Tritanomaly
51, 7.858, 274.339

Monochromacy



Original Color
51, 11.143, 283.899

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 3.570, 277.993

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 11.143, 283.899 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(117, 121, 140)` looks like.

```
.text, #text, p{  
    color:rgb(117, 121, 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(117, 121, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 121, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 11.143, 283.899 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(117, 121, 140) }
```

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

```
.border{ border-color:rgb(117, 121, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 121, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 121, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 121, 140);  
box-shadow:4px 4px 4px 4px rgb(117, 121,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 11.143, 283.899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 121, 140) }
```

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

```
.background{ background-color: rgb(117,  
121, 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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