

Converting Colors

CIELCh(50, 10.804, 260.283)

Have a look what the booklet for
CIELCh(50, 10.804, 260.283)
contains.

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Color

CIELCh(50, 10.883, 258.743)

Conversions

Conversions Part 1

Format	Color
Hex	697989
RGB	105, 121, 137
RGB Percent	41%, 47%, 54%
CMY	0.5890, 0.5263, 0.4635
CMYK	0.23, 0.12, 0.00, 0.46
HSL	210°, 13%, 47%
HSV	210°, 23%, 54%
XYZ	17.1171, 18.4187, 26.2440
YIQ	118.0400, -14.6720, 1.5840

Conversions

Conversions Part 2

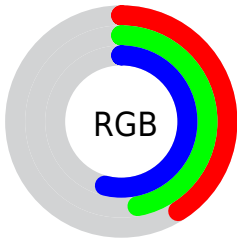
Format	Color
R_YB	105, 116, 137
Decimal	6912393
CIE Lab	50.00, -2.12, -10.67
CIE LCh	50, 10.883, 258.743
Yxy	18.4187, 0.2771, 0.2981
Android (android.graphics.Color)	4285102473 (0xFF697989)
YUV	118.0400, 9.3473, -11.4361
Hunter-Lab	42.9170, -3.9113, -6.2143

Details

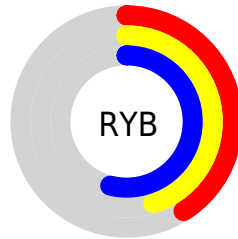
The CIELCh color $50, 10.883, 258.743$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $52, 11.561, 72.604$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $70, 10.745, 259.496$, and $30, 10.640, 256.647$ is the 20% darker color. If you saturate the color by 10%, you get $47, 15.434, 260.587$, and if you desaturate by 10%, it is $53, 6.263, 257.188$.

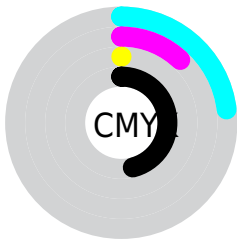
Distribution



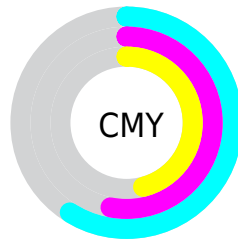
- Red (41%)
- Green (47%)
- Blue (54%)



- Red (41%)
- Yellow (45%)
- Blue (54%)



- Cyan (23%)
- Magenta (12%)
- Yellow (0%)
- Black (46%)





- Cyan (59%)
- Magenta (53%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 10.883, 258.743 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 50, 10.883, 258.743 by changing the saturation by 10% instead.


 50, 10.883,
258.743


 50, 10.883,
258.743


 100, 10.883,
258.743


 40, 10.883,
258.743


 70, 10.883,
258.743

 30, 10.883,
258.743


 80, 10.883,
258.743


 20, 10.883,
258.743

 90, 10.883,
258.743

 10, 10.883,
258.743

 0, 10.883, 258.743

 50, 10.883,
258.743

 50, 10.883,
258.743

47, 15.434,
260.587

53, 6.263, 257.188

44, 19.905,
262.781

56, 1.595, 255.986

59, 3.106, 74.587

41, 24.289,
265.374

62, 7.824, 73.666

39, 28.593,
268.412

65, 12.543, 72.837

68, 17.253, 72.110

36, 32.844,
271.916

71, 21.942, 71.470

33, 37.093,
275.859

74, 26.604, 70.904

77, 31.232, 70.401

31, 41.406,
280.141

29, 44.360,
282.849

Harmonies

Complementary

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



50, 10.883, 258.743



52, 11.561, 72.604

Rectangle

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



50, 10.883, 258.743



50, 10.883, 308.743



50, 10.883, 78.743



50, 10.883, 128.743

Sweetspot

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



50, 10.882, 258.738



70, 4.084, 256.371



54, 15.775, 160.782



36, 2.642, 256.427



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



50, 10.882, 258.738



62, 16.138, 259.666



46, 18.752, 292.148



28, 2.660, 256.619



28, 43.244, 282.702



1, 1.240, 255.418

Inverse Universe

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



48, 16.022, 345.652



59, 23.910, 346.182



56, 17.818, 107.292



27, 3.833, 344.335



28, 52.279, 0.714



0, 1.760, 343.642

Previews

White Background



This preview shows how the CIE LCh color 50, 10.883, 258.743 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 50, 10.883, 258.743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

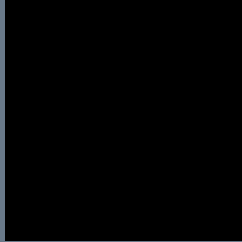
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

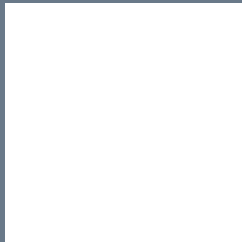
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 50, 10.883, 258.743

Background



This preview shows how black text looks on a background with the CIELCh color 50, 10.883, 258.743.



This preview shows how white text looks on a background with the CIELCh color 50, 10.883, 258.743.

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

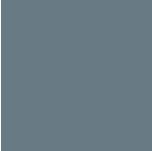
50, 10.883, 258.743

Protanopia

50, 9.968, 287.118

Deuteranopia

50, 13.070, 300.132



Tritanopia
50, 8.420, 237.730

Trichromacy



Original Color
50, 10.883, 258.743

Protanomaly
50, 10.222, 276.638

Deuteranomaly
50, 11.738, 286.217

Tritanomaly
50, 9.129, 243.911

Monochromacy



Original Color
50, 10.883, 258.743

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 4.180, 256.674

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 10.883, 258.743 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(105, 121, 137)` looks like.

```
.text, #text, p{  
    color:rgb(105, 121, 137)  
}
```

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(105, 121, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 121, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 10.883, 258.743 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(105, 121, 137) }
```

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

```
.border{ border-color:rgb(105, 121, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 121, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 121, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 121, 137);  
box-shadow:4px 4px 4px 4px rgb(105, 121,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 10.883, 258.743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 121, 137) }
```

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

```
.background{ background-color: rgb(105,  
121, 137) }
```

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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