

Converting Colors

CIELCh(52, 10.959, 271.918)

Have a look what the booklet for
CIELCh(52, 10.959, 271.918)
contains.

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Color

CIELCh(52, 10.980, 271.899)

Conversions

Conversions Part 1

Format	Color
Hex	737D8F
RGB	115, 125, 143
RGB Percent	45%, 49%, 56%
CMY	0.5507, 0.5115, 0.4409
CMYK	0.20, 0.13, 0.00, 0.44
HSL	219°, 11%, 50%
HSV	219°, 20%, 56%
XYZ	19.2180, 20.1443, 28.6873
YIQ	124.0620, -11.7380, 3.4780

Conversions

Conversions Part 2

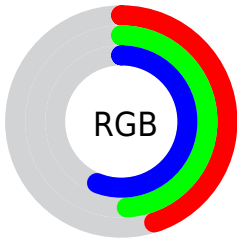
Format	Color
R_{YB}	115, 122, 143
Decimal	7568783
CIE Lab	52.00, 0.36, -10.97
CIE LCh	52, 10.980, 271.899
Yxy	20.1443, 0.2824, 0.2960
Android (android.graphics.Color)	4285758863 (0xFF737D8F)
YUV	124.0620, 9.3364, -7.9474
Hunter-Lab	44.8824, -2.1133, -6.4785

Details

The CIELCh color $52, 10.980, 271.899$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $56, 11.085, 86.719$, and the grayscale version is $52, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 10.947, 270.490$, and $32, 11.308, 272.173$ is the 20% darker color. If you saturate the color by 10%, you get $48, 16.671, 273.615$, and if you desaturate by 10%, it is $56, 5.356, 270.431$.

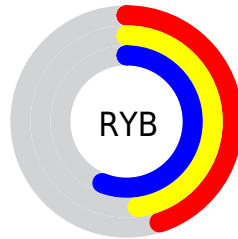
Distribution



Red (45%)

Green (49%)

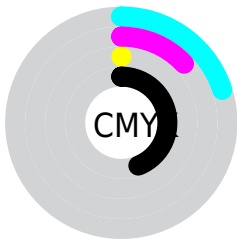
Blue (56%)



Red (45%)

Yellow (48%)

Blue (56%)

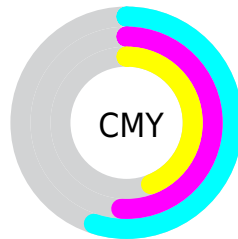


Cyan (20%)

Magenta (13%)

Yellow (0%)

Black (44%)



Cyan (55%)

Magenta (51%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 10.980, 271.899 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 52, 10.980, 271.899 by changing the saturation by 10% instead.

■ 52, 10.980,
271.899

■ 52, 10.980,
271.899

■ 100, 10.980,
271.899

■ 42, 10.980,
271.899

■ 72, 10.980,
271.899

■ 32, 10.980,
271.899

■ 82, 10.980,
271.899

■ 22, 10.980,
271.899

■ 92, 10.980,
271.899

■ 12, 10.980,
271.899

■ 2, 10.980, 271.899

■ 0, 10.980, 271.899

■ 52, 10.980,
271.899

■ 52, 10.980,
271.899

■ 48, 16.671,
273.615

■ 56, 5.356, 270.431

■ 45, 22.436,
275.626

■ 59, 0.197, 88.093

■ 41, 28.283,
277.966

■ 63, 5.677, 87.975

■ 38, 34.232,
280.668

■ 67, 11.083, 87.028

■ 34, 40.312,
283.737

■ 70, 16.411, 86.189

■ 31, 46.547,
287.134

■ 74, 21.659, 85.446

■ 28, 52.939,
290.754

■ 78, 26.825, 84.785

■ 25, 59.442,

■ 81, 31.909, 84.193

■ 85, 36.909, 83.661

294.273

■ 25, 59.683,
294.391

Harmonies

Complementary

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



52, 10.980, 271.899



56, 11.085, 86.719

Rectangle

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



52, 10.980, 271.899



52, 10.980, 321.899



52, 10.980, 91.899



52, 10.980, 141.899

Sweetspot

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



52, 10.979, 271.895



73, 4.142, 269.984



57, 12.287, 169.741



38, 2.770, 270.053



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



52, 10.979, 271.895



65, 16.734, 272.701



50, 16.524, 297.070



28, 3.143, 270.371



23, 57.112, 294.194



1, 2.113, 269.166

Inverse Universe

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



51, 12.762, 353.977



63, 19.526, 354.534



58, 15.835, 113.947



28, 3.614, 352.882



28, 53.222, 14.229



1, 2.404, 352.111

Previews

White Background



This preview shows how the CIE LCh color 52, 10.980, 271.899 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 CIE LCh color 52, 10.980, 271.899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

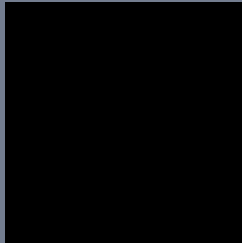
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

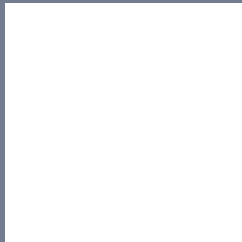
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 10.980, 271.899

Background



This preview shows how black text looks on a background with the CIELCh color 52, 10.980, 271.899.



This preview shows how white text looks on a background with the CIELCh color 52, 10.980, 271.899.

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

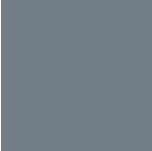
52, 10.980, 271.899

Protanopia

52, 10.473, 287.388

Deuteranopia

52, 13.037, 301.738



Tritanopia
52, 7.483, 250.175

Trichromacy



Original Color
52, 10.980, 271.899

Protanomaly
52, 10.573, 281.350

Deuteranomaly
52, 12.217, 291.711

Tritanomaly
52, 8.499, 262.203

Monochromacy



Original Color
52, 10.980, 271.899

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 4.210, 274.662

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 10.980, 271.899 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(115, 125, 143)` looks like.

```
.text, #text, p{  
    color:rgb(115, 125, 143)  
}
```

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(115, 125, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 125, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 10.980, 271.899 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(115, 125, 143) }
```

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

```
.border{ border-color:rgb(115, 125, 143) }
```

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

Here you see how a box with a 4 pixel rgb(115, 125, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 125, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 125, 143);  
box-shadow:4px 4px 4px 4px rgb(115, 125,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 10.980, 271.899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 125, 143) }
```

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

```
.background{ background-color: rgb(115,  
125, 143) }
```

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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