

Converting Colors

CIELCh(51, 13.052, 222.152)

Have a look what the booklet for
CIELCh(51, 13.052, 222.152)
contains.

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Color

CIELCh(51, 13.052, 222.152)

Conversions

Conversions Part 1

Format	Color
Hex	5D7F88
RGB	93, 127, 136
RGB Percent	36%, 50%, 53%
CMY	0.6355, 0.5021, 0.4668
CMYK	0.32, 0.07, 0.00, 0.47
HSL	193°, 19%, 45%
HSV	193°, 32%, 53%
XYZ	16.5343, 19.2686, 26.1238
YIQ	117.8600, -23.1530, -4.4090

Conversions

Conversions Part 2

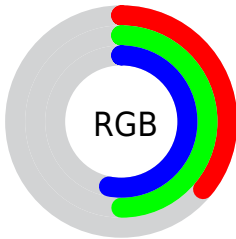
Format	Color
R_{YB}	93, 112, 136
Decimal	6127496
CIE Lab	51.00, -9.68, -8.76
CIE LCh	51, 13.052, 222.152
Yxy	19.2686, 0.2670, 0.3112
Android (android.graphics.Color)	4284317576 (0xFF5D7F88)
YUV	117.8600, 8.9430, -21.8022
Hunter-Lab	43.8960, -9.5825, -4.5580

Details

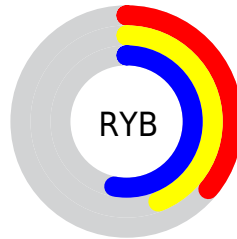
The CIELCh color $51, 13.052, 222.152$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $46, 16.108, 40.160$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 12.926, 221.003$, and $31, 13.111, 220.891$ is the 20% darker color. If you saturate the color by 10%, you get $49, 16.522, 223.062$, and if you desaturate by 10%, it is $53, 9.222, 221.478$.

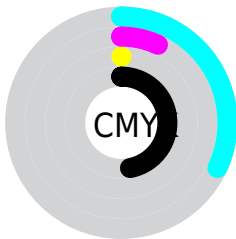
Distribution



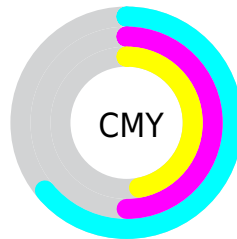
- Red (36%)
- Green (50%)
- Blue (53%)



- Red (36%)
- Yellow (44%)
- Blue (53%)



- Cyan (32%)
- Magenta (7%)
- Yellow (0%)
- Black (47%)





- Cyan (64%)
- Magenta (50%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 13.052, 222.152 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, 13.052, 222.152 by changing the saturation by 10% instead.


 51, 13.052,
222.152


 51, 13.052,
222.152


 100, 13.052,
222.152


 41, 13.052,
222.152


 71, 13.052,
222.152

 31, 13.052,
222.152

 81, 13.052,
222.152

 21, 13.052,
222.152

 91, 13.052,
222.152

 11, 13.052,
222.152

 1, 13.052, 222.152

 0, 13.052, 222.152

■ 51, 13.052,
222.152

■ 51, 13.052,
222.152

■ 49, 16.522,
223.062

■ 53, 9.222, 221.478

■ 48, 19.572,
224.277

■ 55, 5.096, 221.021

■ 56, 0.730, 221.155

■ 46, 22.149,
225.861

■ 58, 3.821, 40.266

■ 45, 24.217,
227.889

■ 60, 8.514, 40.190

■ 62, 13.310, 40.144

■ 44, 25.774,
230.440

■ 64, 18.180, 40.142

■ 43, 26.857,
233.579

■ 67, 23.096, 40.179

■ 69, 28.040, 40.245

■ 42, 27.590,
236.459

Harmonies

Complementary

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



51, 13.052, 222.152



46, 16.108, 40.160

Rectangle

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



51, 13.052, 222.152



51, 13.052, 272.152



51, 13.052, 42.152



51, 13.052, 92.152

Sweetspot

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



51, 13.052, 222.148



70, 4.898, 220.946



53, 26.286, 148.195



36, 3.420, 220.984



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



51, 13.052, 222.148



64, 18.836, 222.778



45, 18.385, 278.353



28, 2.514, 220.945



41, 27.087, 236.354



1, 1.193, 220.572

Inverse Universe

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



45, 26.231, 332.839



55, 38.734, 333.327



52, 18.283, 89.832



27, 4.704, 331.377



29, 60.735, 338.377



0, 2.169, 330.851

Previews

White Background



This preview shows how the CIELCh color 51, 13.052, 222.152 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, 13.052, 222.152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

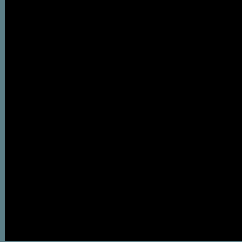
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

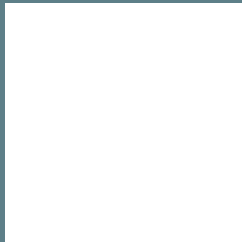
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 51, 13.052, 222.152

Background



This preview shows how black text looks on a background with the CIELCh color 51, 13.052, 222.152.



This preview shows how white text looks on a background with the CIELCh color 51, 13.052, 222.152.

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, 13.052, 222.152

Protanopia

51, 7.007, 291.081

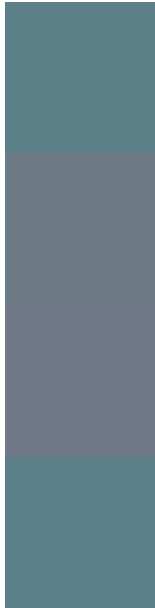
Deuteranopia

51, 12.029, 304.451



Tritanopia
51, 13.233, 224.625

Trichromacy



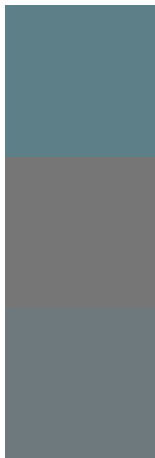
Original Color
51, 13.052, 222.152

Protanomaly
51, 7.511, 250.223

Deuteranomaly
51, 9.731, 273.490

Tritanomaly
51, 13.233, 224.625

Monochromacy



Original Color
51, 13.052, 222.152

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 5.144, 226.161

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 13.052, 222.152 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(93, 127, 136)` looks like.

```
.text, #text, p{  
    color:rgb(93, 127, 136)  
}
```

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(93, 127, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 127, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 13.052, 222.152 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(93, 127, 136) }
```

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

```
.border{ border-color:rgb(93, 127, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 127, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 127, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 127, 136);  
box-shadow:4px 4px 4px 4px rgb(93, 127,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 13.052, 222.152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 127, 136) }
```

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

```
.background{ background-color: rgb(93, 127,  
136) }
```

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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