

Converting Colors

CIELCh(52, 13.248, 213.524)

Have a look what the booklet for
CIELCh(52, 13.248, 213.524)
contains.

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Color

CIELCh(52, 13.255, 213.531)

Conversions

Conversions Part 1

Format	Color
Hex	5E8288
RGB	94, 130, 136
RGB Percent	37%, 51%, 53%
CMY	0.6311, 0.4899, 0.4664
CMYK	0.31, 0.04, 0.00, 0.47
HSL	189°, 18%, 45%
HSV	189°, 31%, 53%
XYZ	17.0619, 20.1443, 26.3051
YIQ	119.9200, -23.3820, -5.7660

Conversions

Conversions Part 2

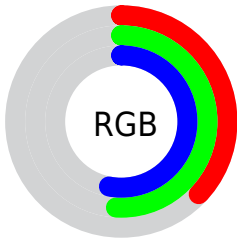
Format	Color
R _Y B	94, 113, 136
Decimal	6193800
CIE Lab	52.00, -11.05, -7.32
CIE LCh	52, 13.255, 213.531
Yxy	20.1443, 0.2686, 0.3172
Android (android.graphics.Color)	4284383880 (0xFF5E8288)
YUV	119.9200, 7.9274, -22.7318
Hunter-Lab	44.8824, -10.6883, -3.3315

Details

The CIELCh color **52, 13.255, 213.531** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **46, 16.381, 33.684**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 13.148, 212.929**, and **32, 13.391, 211.464** is the 20% darker color. If you saturate the color by 10%, you get **51, 16.841, 213.958**, and if you desaturate by 10%, it is **53, 9.275, 213.271**.

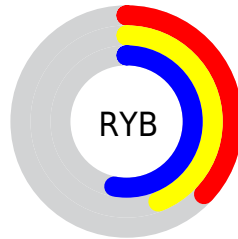
Distribution



Red (37%)

Green (51%)

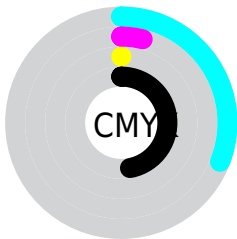
Blue (53%)



Red (37%)

Yellow (44%)

Blue (53%)

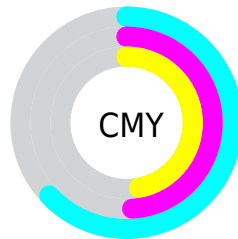


Cyan (31%)

Magenta (4%)

Yellow (0%)

Black (47%)



Cyan (63%)


Magenta (49%)


Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 13.255, 213.531 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, 13.255, 213.531 by changing the saturation by 10% instead.


 52, 13.255,
213.531


 52, 13.255,
213.531


 100, 13.255,
213.531


 42, 13.255,
213.531


 72, 13.255,
213.531

 32, 13.255,
213.531

 82, 13.255,
213.531

 22, 13.255,
213.531

 92, 13.255,
213.531

 12, 13.255,
213.531

 2, 13.255, 213.531

 0, 13.255, 213.531

■ 52, 13.255,
213.531

■ 52, 13.255,
213.531

■ 51, 16.841,
213.958

■ 53, 9.275, 213.271

■ 49, 19.963,
214.602

■ 55, 4.971, 213.177

■ 57, 0.407, 214.089

■ 48, 22.559,
215.504

■ 58, 4.357, 33.028

■ 47, 24.585,
216.716

■ 60, 9.271, 33.200

■ 62, 14.292, 33.385

■ 46, 26.023,
218.293

■ 64, 19.387, 33.598

■ 46, 26.896,
220.291

■ 66, 24.528, 33.834

■ 68, 29.691, 34.087

■ 45, 27.397,
222.364

Harmonies

Complementary

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



52, 13.255, 213.531



46, 16.381, 33.684

Rectangle

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



52, 13.255, 213.531



52, 13.255, 263.531



52, 13.255, 33.531



52, 13.255, 83.531

Sweetspot

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



52, 13.255, 213.527



70, 5.100, 213.181



53, 26.953, 146.121



37, 3.560, 213.177



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



52, 13.255, 213.527



65, 19.062, 213.805



46, 16.539, 273.046



28, 2.618, 213.181



44, 26.893, 222.291



1, 1.243, 213.086

Inverse Universe

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



45, 26.826, 330.414



55, 39.500, 330.835



51, 16.866, 84.480



27, 4.930, 329.108



30, 63.787, 334.665



0, 2.275, 328.607

Previews

White Background



This preview shows how the CIELCh color 52, 13.255, 213.531 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, 13.255, 213.531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

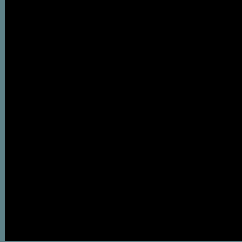
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 13.255, 213.531

Background



This preview shows how black text looks on a background with the CIELCh color 52, 13.255, 213.531.



This preview shows how white text looks on a background with the CIELCh color 52, 13.255, 213.531.

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, 13.255, 213.531

Protanopia

52, 5.234, 290.847

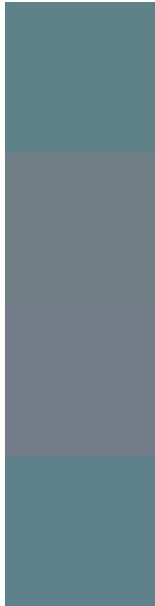
Deuteranopia

52, 11.084, 309.633



Tritanopia
52, 13.420, 226.986

Trichromacy



Original Color
52, 13.255, 213.531

Protanomaly
52, 6.595, 237.197

Deuteranomaly
52, 8.065, 269.210

Tritanomaly
52, 13.217, 224.587

Monochromacy



Original Color
52, 13.255, 213.531

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 5.136, 212.112

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 13.255, 213.531 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(94, 130, 136)` looks like.

```
.text, #text, p{  
    color:rgb(94, 130, 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(94, 130, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 130, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 13.255, 213.531 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(94, 130, 136) }
```

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

```
.border{ border-color:rgb(94, 130, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 130, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 130, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 130, 136);  
box-shadow:4px 4px 4px 4px rgb(94, 130,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 13.255, 213.531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 130, 136) }
```

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

```
.background{ background-color: rgb(94, 130,  
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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