

Converting Colors

CIELCh(51, 13.199, 195.583)

Have a look what the booklet for
CIELCh(51, 13.199, 195.583)
contains.

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Color

CIELCh(51, 13.297, 195.514)

Conversions

Conversions Part 1

Format	Color
Hex	5C807F
RGB	92, 128, 127
RGB Percent	36%, 50%, 50%
CMY	0.6390, 0.4978, 0.5017
CMYK	0.28, 0.00, 0.01, 0.50
HSL	178°, 16%, 43%
HSV	178°, 28%, 50%
XYZ	15.9832, 19.2686, 22.9784
YIQ	117.1220, -21.1350, -7.9430

Conversions

Conversions Part 2

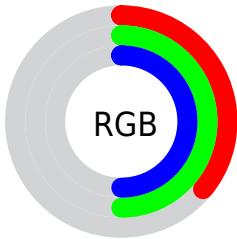
Format	Color
R_{YB}	92, 110, 128
Decimal	6062207
CIE Lab	51.00, -12.81, -3.56
CIE LCh	51, 13.297, 195.514
Yxy	19.2686, 0.2745, 0.3309
Android (android.graphics.Color)	4284252287 (0xFF5C807F)
YUV	117.1220, 4.8699, -22.0320
Hunter-Lab	43.8960, -11.8235, -0.3095

Details

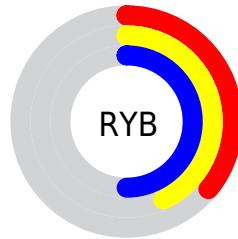
The CIELCh color **51, 13.297, 195.514** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **43, 15.808, 19.419**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 13.443, 196.007**, and **31, 13.356, 194.726** is the 20% darker color. If you saturate the color by 10%, you get **50, 17.371, 194.981**, and if you desaturate by 10%, it is **52, 8.833, 196.075**.

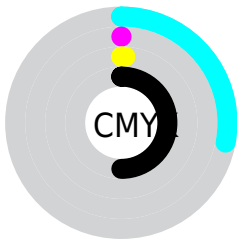
Distribution



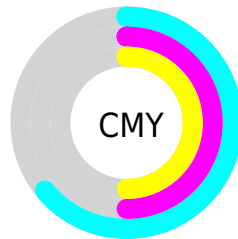
- Red (36%)
- Green (50%)
- Blue (50%)



- Red (36%)
- Yellow (43%)
- Blue (50%)



- Cyan (28%)
- Magenta (0%)
- Yellow (1%)
- Black (50%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 13.297, 195.514 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, 13.297, 195.514 by changing the saturation by 10% instead.


 51, 13.297,
195.514


 51, 13.297,
195.514


 100, 13.297,
195.514


 41, 13.297,
195.514


 71, 13.297,
195.514

 31, 13.297,
195.514

 81, 13.297,
195.514

 21, 13.297,
195.514

 91, 13.297,
195.514

 11, 13.297,
195.514

 1, 13.297, 195.514

 0, 13.297, 195.514

■ 51, 13.297,
195.514

■ 51, 13.297,
195.514

■ 50, 17.371,
194.981

■ 52, 8.833, 196.075

■ 50, 20.980,
194.486

■ 53, 4.055, 196.704

■ 54, 0.964, 16.793

■ 49, 24.056,
194.022

■ 55, 6.158, 17.753

■ 49, 26.551,
193.588

■ 56, 11.469, 18.407

■ 58, 16.852, 19.050

■ 49, 28.440,
193.178

■ 59, 22.266, 19.690

■ 48, 29.731,
192.784

■ 60, 27.683, 20.326

■ 62, 33.079, 20.956

■ 48, 30.562,
192.399

■ 48, 30.712,

Harmonies

Complementary

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



51, 13.297, 195.514



43, 15.808, 19.419

Rectangle

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



51, 13.297, 195.514



51, 13.297, 245.514



51, 13.297, 15.514



51, 13.297, 65.514

Sweetspot

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



51, 13.297, 195.510



67, 4.937, 196.699



50, 25.363, 141.801



35, 3.526, 196.608



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



51, 13.297, 195.510



64, 19.388, 195.153



46, 11.987, 255.745



26, 2.801, 196.636



48, 30.613, 192.330



0, 0.000, 0.000

Inverse Universe

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



43, 15.808, 19.419



52, 24.139, 20.248



47, 13.108, 68.521



25, 2.951, 17.617



25, 60.279, 37.247



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 51, 13.297, 195.514 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 51, 13.297, 195.514 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, 13.297, 195.514

Background



This preview shows how black text looks on a background with the CIELCh color 51, 13.297, 195.514.



This preview shows how white text looks on a background with the CIELCh color 51, 13.297, 195.514.

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, 13.297, 195.514

Protanopia
51, 2.138, 324.485

Deuteranopia
51, 7.791, 324.866



Tritanopia
51, 12.946, 225.278

Trichromacy



Original Color
51, 13.297, 195.514

Protanomaly
51, 4.319, 206.817

Deuteranomaly
51, 4.163, 256.648

Tritanomaly
51, 12.655, 214.385

Monochromacy



Original Color
51, 13.297, 195.514

Achromatopsia
49, 0.007, 296.813

Achromatomaly
50, 5.081, 198.923

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 13.297, 195.514 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(92, 128, 127)` looks like.

```
.text, #text, p{  
    color:rgb(92, 128, 127)  
}
```

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(92, 128, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 128, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 13.297, 195.514 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(92, 128, 127) }
```

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

```
.border{ border-color:rgb(92, 128, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 128, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 128, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 128, 127);  
box-shadow:4px 4px 4px 4px rgb(92, 128,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 13.297, 195.514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 128, 127) }
```

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

```
.background{ background-color: rgb(92, 128,  
127) }
```

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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