

Converting Colors

CIELCh(53, 14.678, 207.159)

Have a look what the booklet for
CIELCh(53, 14.678, 207.159)
contains.

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Color

CIELCh(53, 14.678, 207.149)

Conversions

Conversions Part 1

Format	Color
Hex	5D868A
RGB	93, 134, 138
RGB Percent	36%, 53%, 54%
CMY	0.6371, 0.4763, 0.4607
CMYK	0.33, 0.03, 0.00, 0.46
HSL	185°, 20%, 45%
HSV	185°, 33%, 54%
XYZ	17.4824, 21.0462, 27.0081
YIQ	122.1970, -25.7200, -7.4480

Conversions

Conversions Part 2

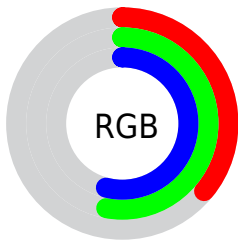
Format	Color
R_YB	93, 114, 138
Decimal	6129290
CIE _{Lab}	53.00, -13.06, -6.70
CIE _{LCh}	53, 14.678, 207.149
Yxy	21.0462, 0.2668, 0.3211
Android (android.graphics.Color)	4284319370 (0xFF5D868A)
YUV	122.1970, 7.7909, -25.6058
Hunter-Lab	45.8761, -12.2606, -2.7918

Details

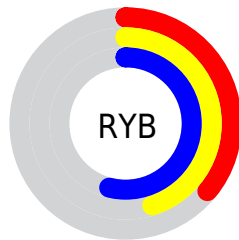
The CIELCh color $53, 14.678, 207.149$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $45, 18.406, 29.020$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $73, 14.576, 206.946$, and $33, 14.505, 207.612$ is the 20% darker color. If you saturate the color by 10%, you get $52, 18.352, 207.252$, and if you desaturate by 10%, it is $54, 10.567, 207.167$.

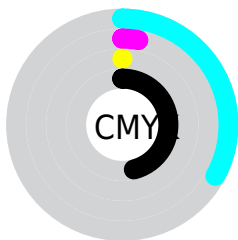
Distribution



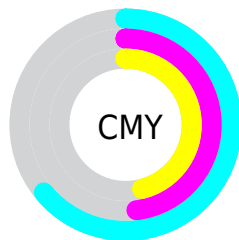
- Red (36%)
- Green (53%)
- Blue (54%)



- Red (36%)
- Yellow (45%)
- Blue (54%)



- Cyan (33%)
- Magenta (3%)
- Yellow (0%)
- Black (46%)





- Cyan (64%)
- Magenta (48%)
- Yellow (46%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 14.678, 207.149 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 53, 14.678, 207.149 by changing the saturation by 10% instead.


 53, 14.678,
207.149

 53, 14.678,
207.149


 100, 14.678,
207.149


 43, 14.678,
207.149


 73, 14.678,
207.149

 33, 14.678,
207.149

 83, 14.678,
207.149

 23, 14.678,
207.149

 93, 14.678,
207.149

 13, 14.678,
207.149

 3, 14.678, 207.149

 0, 14.678, 207.149

■ 53, 14.678,
207.149

■ 53, 14.678,
207.149

■ 52, 18.352,
207.252

■ 54, 10.567,
207.167

■ 51, 21.514,
207.510

■ 56, 6.094, 207.307

■ 57, 1.331, 207.745

■ 50, 24.104,
207.948

■ 58, 3.654, 27.567

■ 49, 26.078,
208.594

■ 60, 8.806, 27.936

■ 49, 27.423,
209.479

■ 62, 14.075, 28.292

■ 63, 19.422, 28.664

■ 48, 28.166,
210.632

■ 65, 24.814, 29.050

■ 48, 28.512,
211.563

■ 67, 30.225, 29.445

Harmonies

Complementary

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



53, 14.678, 207.149



45, 18.406, 29.020

Rectangle

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



53, 14.678, 207.149



53, 14.678, 257.149



53, 14.678, 27.149



53, 14.678, 77.149

Sweetspot

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



53, 14.678, 207.145



71, 5.972, 207.364



53, 29.831, 144.469



37, 4.045, 207.335



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



53, 14.678, 207.145



67, 21.009, 207.207



46, 16.665, 268.986



28, 2.734, 207.392



46, 27.775, 211.505



1, 1.299, 207.509

Inverse Universe

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



45, 29.731, 328.760



56, 43.612, 329.158



51, 17.415, 79.726



27, 5.120, 327.418



30, 66.453, 332.003



0, 2.363, 326.934

Previews

White Background



This preview shows how the CIELCh color 53, 14.678, 207.149 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 53, 14.678, 207.149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

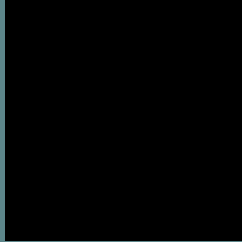
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

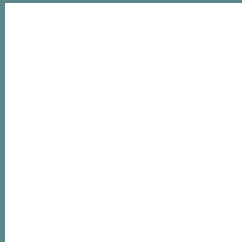
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 53, 14.678, 207.149

Background



This preview shows how black text looks on a background with the CIELCh color 53, 14.678, 207.149.



This preview shows how white text looks on a background with the CIELCh color 53, 14.678, 207.149.

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

53, 14.678, 207.149

Protanopia

53, 4.661, 295.549

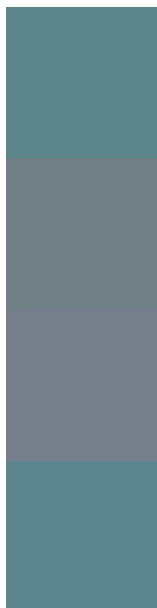
Deuteranopia

53, 10.491, 310.598



Tritanopia
53, 14.617, 221.674

Trichromacy



Original Color
53, 14.678, 207.149

Protanomaly
53, 6.580, 237.175

Deuteranomaly
53, 7.651, 264.809

Tritanomaly
53, 14.637, 216.692

Monochromacy



Original Color
53, 14.678, 207.149

Achromatopsia
51, 0.007, 296.813

Achromatomaly
52, 5.853, 210.373

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 14.678, 207.149 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, 134, 138)` looks like.

```
.text, #text, p{  
    color:rgb(93, 134, 138)  
}
```

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, 134, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 134, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 14.678, 207.149 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, 134, 138) }
```

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

```
.border{ border-color:rgb(93, 134, 138) }
```

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

Here you see how a box with a 4 pixel rgb(93, 134, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 134, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 134, 138);  
box-shadow:4px 4px 4px 4px rgb(93, 134,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 14.678, 207.149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 134, 138) }
```

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

```
.background{ background-color: rgb(93, 134,  
138) }
```

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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