

Converting Colors

CIELCh(52, 17.705, 197.344)

Have a look what the booklet for
CIELCh(52, 17.705, 197.344)
contains.

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Color

CIELCh(52, 17.954, 195.747)

Conversions

Conversions Part 1

Format	Color
Hex	528584
RGB	82, 133, 132
RGB Percent	32%, 52%, 52%
CMY	0.6794, 0.4795, 0.4834
CMYK	0.38, 0.00, 0.01, 0.48
HSL	179°, 24%, 42%
HSV	179°, 38%, 52%
XYZ	15.9559, 20.1443, 24.7837
YIQ	117.6370, -30.0750, -11.1230

Conversions

Conversions Part 2

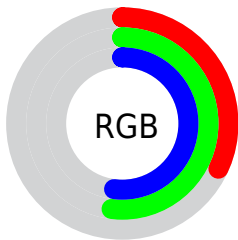
Format	Color
R_{YB}	82, 108, 133
Decimal	5408132
CIE _{Lab}	52.00, -17.28, -4.87
CIE _{LCh}	52, 17.954, 195.747
Y _{xy}	20.1443, 0.2621, 0.3309
Android (android.graphics.Color)	4283598212 (0xFF528584)
Y _{UV}	117.6370, 7.0810, -31.2536
Hunter-Lab	44.8824, -15.0868, -1.3217

Details

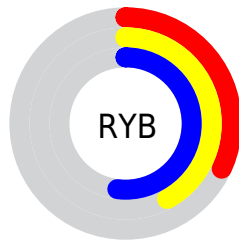
The CIELCh color **52, 17.954, 195.747** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **41, 23.059, 21.396**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 17.854, 196.257**, and **32, 17.786, 196.960** is the 20% darker color. If you saturate the color by 10%, you get **51, 21.624, 195.289**, and if you desaturate by 10%, it is **53, 13.796, 196.240**.

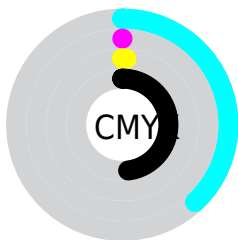
Distribution



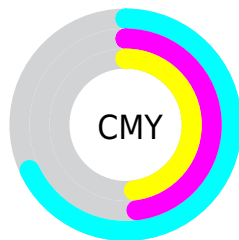
- Red (32%)
- Green (52%)
- Blue (52%)



- Red (32%)
- Yellow (42%)
- Blue (52%)



- Cyan (38%)
- Magenta (0%)
- Yellow (1%)
- Black (48%)





- Cyan (68%)
- Magenta (48%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 17.954, 195.747 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, 17.954, 195.747 by changing the saturation by 10% instead.


 52, 17.954,
195.747


 52, 17.954,
195.747

 100, 17.954,
195.747


 42, 17.954,
195.747


 72, 17.954,
195.747

 32, 17.954,
195.747

 82, 17.954,
195.747

 22, 17.954,
195.747

 92, 17.954,
195.747

 12, 17.954,
195.747

 2, 17.954, 195.747

 0, 17.954, 195.747

■ 52, 17.954,
195.747

■ 52, 17.954,
195.747

■ 51, 21.624,
195.289

■ 53, 13.796,
196.240

■ 51, 24.738,
194.874

■ 54, 9.227, 196.778

■ 50, 27.248,
194.497

■ 55, 4.326, 197.382

■ 56, 0.831, 17.378

■ 50, 29.130,
194.155

■ 57, 6.175, 18.400

■ 50, 30.396,
193.841

■ 58, 11.647, 19.044

■ 59, 17.197, 19.677

■ 50, 31.191,
193.546

■ 61, 22.784, 20.310

■ 50, 31.311,
193.501

■ 62, 28.377, 20.940

Harmonies

Complementary

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



52, 17.954, 195.747



41, 23.059, 21.396

Rectangle

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



52, 17.954, 195.747



52, 17.954, 245.747



52, 17.954, 15.747



52, 17.954, 65.747

Sweetspot

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



52, 17.954, 195.744



69, 7.601, 197.136



51, 35.538, 140.946



36, 5.007, 197.073



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



52, 17.954, 195.744



66, 25.726, 195.349



45, 16.681, 257.793



28, 2.891, 197.334



49, 30.850, 193.506



1, 0.708, 197.789

Inverse Universe

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



41, 23.059, 21.396



49, 35.247, 22.809



47, 18.950, 67.339



26, 3.049, 18.290



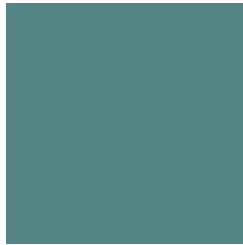
26, 61.522, 37.736



0, 0.708, 17.773

Previews

White Background



This preview shows how the CIELCh color 52, 17.954, 195.747 looks on a white background.

Color Contrast Check

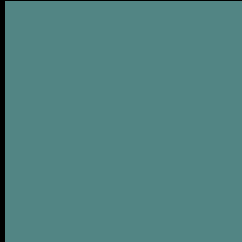
Large Text (above 18pt) WCAG AA ✓ Pass

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 52, 17.954, 195.747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

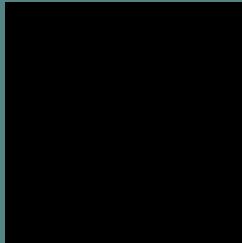
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

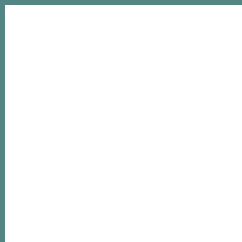
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 17.954, 195.747

Background



This preview shows how black text looks on a background with the CIELCh color 52, 17.954, 195.747.



This preview shows how white text looks on a background with the CIELCh color 52, 17.954, 195.747.

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, 17.954, 195.747

Protanopia

52, 1.930, 314.700

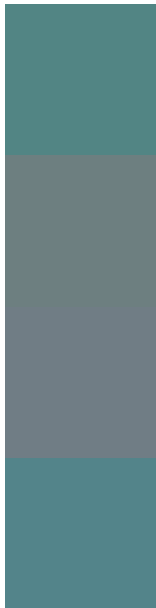
Deuteranopia

52, 9.078, 316.592



Tritanopia
52, 16.971, 220.263

Trichromacy



Original Color
52, 17.954, 195.747

Protanomaly
52, 6.899, 203.594

Deuteranomaly
52, 6.682, 243.335

Tritanomaly
52, 17.106, 209.649

Monochromacy



Original Color
52, 17.954, 195.747

Achromatopsia
49, 0.007, 296.813

Achromatomaly
50, 7.376, 194.091

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 17.954, 195.747 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(82, 133, 132)` looks like.

```
.text, #text, p{  
    color:rgb(82, 133, 132)  
}
```

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(82, 133, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 133, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 17.954, 195.747 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(82, 133, 132) }
```

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

```
.border{ border-color:rgb(82, 133, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 133, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 133, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 133, 132);  
box-shadow:4px 4px 4px 4px rgb(82, 133,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 17.954, 195.747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 133, 132) }
```

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

```
.background{ background-color: rgb(82, 133,  
132) }
```

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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