

Converting Colors

CIELCh(52, 27.116, 195.817)

Have a look what the booklet for
CIELCh(52, 27.116, 195.817)
contains.

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Color

CIELCh(52, 27.176, 195.543)

Conversions

Conversions Part 1

Format	Color
Hex	2F8988
RGB	47, 137, 136
RGB Percent	18%, 54%, 53%
CMY	0.8175, 0.4642, 0.4681
CMYK	0.66, 0.00, 0.01, 0.46
HSL	179°, 49%, 36%
HSV	179°, 66%, 54%
XYZ	14.4603, 20.1443, 26.2799
YIQ	109.9760, -53.3190, -19.3910

Conversions

Conversions Part 2

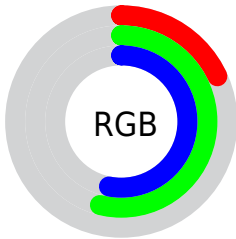
Format	Color
RYB	47, 92, 137
Decimal	3115400
CIELab	52.00, -26.18, -7.28
CIELCh	52, 27.176, 195.543
Yxy	20.1443, 0.2375, 0.3309
Android (android.graphics.Color)	4281305480 (0xFF2F8988)
YUV	109.9760, 12.8298, -55.2300
Hunter-Lab	44.8824, -21.0347, -3.2983

Details

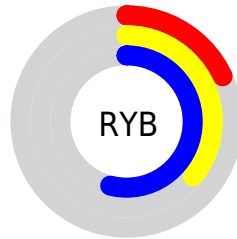
The CIELCh color **52, 27.176, 195.543** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **33, 43.505, 27.804**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **72, 27.369, 195.015**, and **33, 23.071, 194.765** is the 20% darker color. If you saturate the color by 10%, you get **52, 29.222, 195.262**, and if you desaturate by 10%, it is **52, 24.487, 195.869**.

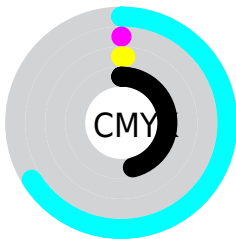
Distribution



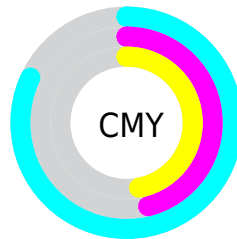
- Red (18%)
- Green (54%)
- Blue (53%)



- Red (18%)
- Yellow (36%)
- Blue (54%)



- Cyan (66%)
- Magenta (0%)
- Yellow (1%)
- Black (46%)




- Cyan (82%)
- Magenta (46%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 27.176, 195.543 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, 27.176, 195.543 by changing the saturation by 10% instead.


 52, 27.176,
195.543

 52, 27.176,
195.543


 100, 27.176,
195.543


 42, 27.176,
195.543


 72, 27.176,
195.543

 32, 27.176,
195.543

 82, 27.176,
195.543

 22, 27.176,
195.543

 92, 27.176,
195.543

 12, 27.176,
195.543

 2, 27.176, 195.543

 0, 27.176, 195.543

■ 52, 27.176,
195.543

■ 52, 27.176,
195.543

■ 52, 29.222,
195.262

■ 52, 24.487,
195.869

■ 51, 30.629,
195.025

■ 53, 21.185,
196.244

■ 51, 31.472,
194.822

■ 54, 17.324,
196.669

■ 51, 31.765,
194.744

■ 54, 12.976,
197.142

■ 55, 8.221, 197.664

■ 56, 3.139, 198.284

■ 57, 2.192, 18.528

■ 59, 7.704, 19.251

■ 60, 13.337, 19.878

Harmonies

Complementary

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



52, 27.176, 195.543



33, 43.505, 27.804

Rectangle

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



52, 27.176, 195.543



52, 27.176, 245.543



52, 27.176, 15.543



52, 27.176, 65.543

Sweetspot

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



52, 27.176, 195.542



70, 12.666, 197.422



50, 59.642, 138.535



36, 8.544, 197.296



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, 27.176, 195.542



66, 36.478, 195.142



38, 28.950, 267.382



29, 2.980, 198.061



50, 31.084, 194.748



1, 1.414, 198.500

Inverse Universe

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



33, 43.505, 27.804



40, 65.580, 32.610



42, 35.576, 65.757



27, 3.148, 18.987



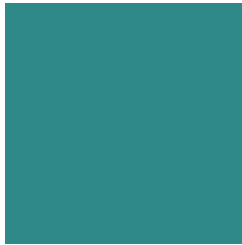
27, 62.782, 38.224



0, 1.415, 18.484

Previews

White Background



This preview shows how the CIELCh color 52, 27.176, 195.543 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, 27.176, 195.543 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

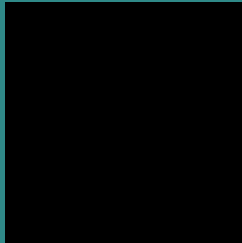
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 27.176, 195.543

Background



This preview shows how black text looks on a background with the CIELCh color 52, 27.176, 195.543.



This preview shows how white text looks on a background with the CIELCh color 52, 27.176, 195.543.

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, 27.176, 195.543

Protanopia

52, 2.368, 300.088

Deuteranopia

52, 11.527, 306.922



Tritanopia
52, 25.076, 212.083

Trichromacy



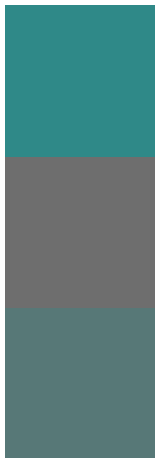
Original Color
52, 27.176, 195.543

Protanomaly
51, 11.812, 203.925

Deuteranomaly
51, 12.044, 234.275

Tritanomaly
52, 25.735, 204.860

Monochromacy



Original Color
52, 27.176, 195.543

Achromatopsia
46, 0.006, 296.813

Achromatomaly
48, 12.372, 195.329

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 27.176, 195.543 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(47, 137, 136)` looks like.

```
.text, #text, p{  
    color:rgb(47, 137, 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(47, 137, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 137, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 27.176, 195.543 is called "border". The border property can be set on classes, ids or directly on the HTML element.

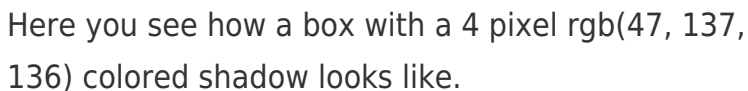
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(47, 137, 136) }
```

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

```
.border{ border-color:rgb(47, 137, 136) }
```

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



Here you see how a box with a 4 pixel `rgb(47, 137, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(47, 137, 136); -webkit-box-shadow:4px 4px 4px 4px rgb(47, 137, 136); box-shadow:4px 4px 4px 4px rgb(47, 137, 136) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 27.176, 195.543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 137, 136) }
```

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

```
.background{ background-color: rgb(47, 137,  
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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