

Converting Colors

CIELCh(52, 34.148, 186.267)

Have a look what the booklet for
CIELCh(52, 34.148, 186.267)
contains.

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Color

CIELCh(52, 33.947, 186.189)

Conversions

Conversions Part 1

Format	Color
Hex	018B81
RGB	1, 139, 129
RGB Percent	0%, 55%, 51%
CMY	0.9964, 0.4538, 0.4931
CMYK	0.99, 0.00, 0.07, 0.45
HSL	176°, 99%, 27%
HSV	176°, 99%, 55%
XYZ	13.2650, 20.1443, 24.0526
YIQ	96.5980, -79.0380, -32.3660

Conversions

Conversions Part 2

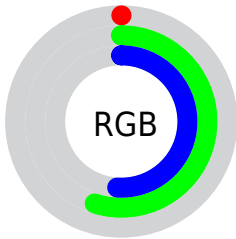
Format	Color
RYB	1, 73, 139
Decimal	101249
CIELab	52.00, -33.75, -3.66
CIELCh	52, 33.947, 186.189
Yxy	20.1443, 0.2308, 0.3506
Android (android.graphics.Color)	4278291329 (0xFF018B81)
YUV	96.5980, 15.9742, -83.8394
Hunter-Lab	44.8824, -25.7884, -0.3559

Details

The CIELCh color **52, 33.947, 186.189** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **28, 63.096, 35.909**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **72, 33.786, 186.521**, and **33, 24.911, 184.304** is the 20% darker color. If you saturate the color by 10%, you get **52, 34.011, 186.133**, and if you desaturate by 10%, it is **52, 32.961, 187.025**.

Distribution



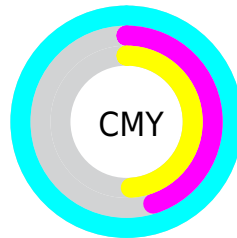
- Red (0%)
- Green (55%)
- Blue (51%)



- Red (0%)
- Yellow (29%)
- Blue (55%)



- Cyan (99%)
- Magenta (0%)
- Yellow (7%)
- Black (45%)





- Cyan (100%)
- Magenta (45%)
- Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 33.947, 186.189 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, 33.947, 186.189 by changing the saturation by 10% instead.


 52, 33.947,
186.189


 52, 33.947,
186.189


 100, 33.947,
186.189


 42, 33.947,
186.189


 72, 33.947,
186.189

 32, 33.947,
186.189

 82, 33.947,
186.189

 22, 33.947,
186.189

 92, 33.947,
186.189

 12, 33.947,
186.189

 2, 33.947, 186.189

 0, 33.947, 186.189

■ 52, 33.947,
186.189

■ 52, 33.947,
186.189

■ 52, 34.011,
186.133

■ 52, 32.961,
187.025

■ 52, 31.512,
187.826

■ 53, 29.425,
188.581

■ 53, 26.689,
189.306

■ 54, 23.331,
190.011

■ 54, 19.407,
190.708

■ 55, 14.992,
191.404

■ 56, 10.168,

192.108

■ 57, 5.022, 192.842

Harmonies

Complementary

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



52, 33.947, 186.189



28, 63.096, 35.909

Rectangle

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



52, 33.947, 186.189



52, 33.947, 236.189



52, 33.947, 6.189



52, 33.947, 56.189

Sweetspot

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



52, 33.947, 186.188



70, 18.913, 191.313



50, 75.689, 135.564



36, 12.842, 191.053



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



52, 33.947, 186.188



66, 41.306, 185.926



34, 37.903, 273.057



29, 3.009, 192.857



50, 32.809, 186.177



1, 1.424, 193.423

Inverse Universe

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



28, 63.096, 35.909



38, 77.836, 37.088



35, 55.783, 55.235



27, 3.158, 14.027



27, 60.929, 35.730



0, 1.424, 13.407

Previews

White Background



This preview shows how the CIELCh color 52, 33.947, 186.189 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, 33.947, 186.189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

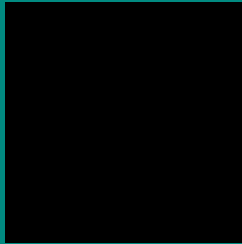
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 33.947, 186.189

Background



This preview shows how black text looks on a background with the CIELCh color 52, 33.947, 186.189.

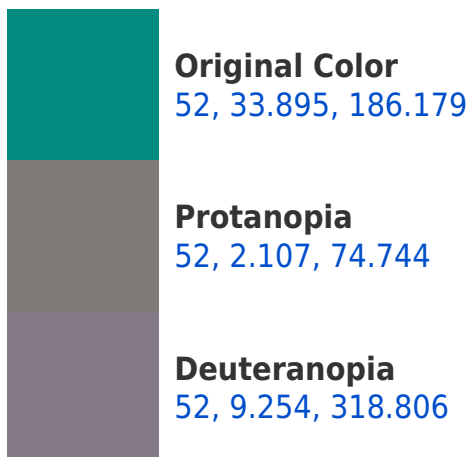


This preview shows how white text looks on a background with the CIELCh color 52, 33.947, 186.189.

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





Tritanopia
52, 28.209, 210.113

Trichromacy



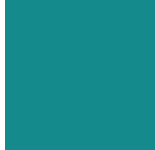
Original Color
52, 33.895, 186.179



Protanomaly
51, 17.832, 186.156



Deuteranomaly
50, 15.352, 208.971



Tritanomaly
52, 30.120, 199.922

Monochromacy



Original Color
52, 33.895, 186.179



Achromatopsia
41, 0.006, 296.813



Achromatomaly
44, 18.002, 191.577

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 33.947, 186.189 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(1, 139, 129)` looks like.

```
.text, #text, p{  
    color:rgb(1, 139, 129)  
}
```

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(1, 139, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 139, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 33.947, 186.189 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(1, 139, 129) }
```

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

```
.border{ border-color:rgb(1, 139, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 139, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 139, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 139, 129);  
box-shadow:4px 4px 4px 4px rgb(1, 139,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 33.947, 186.189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 139, 129) }
```

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

```
.background{ background-color: rgb(1, 139,  
129) }
```

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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