

Converting Colors

CIELCh(52, 33.585, 183.600)

Have a look what the booklet for
CIELCh(52, 33.585, 183.600)
contains.

CIELCh(52, 33.433, 184.040)	3
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Color

CIELCh(52, 33.433, 184.040)

Conversions

Conversions Part 1

Format	Color
Hex	128B7F
RGB	18, 139, 127
RGB Percent	7%, 55%, 50%
CMY	0.9289, 0.4547, 0.5018
CMYK	0.87, 0.00, 0.09, 0.45
HSL	174°, 77%, 31%
HSV	174°, 87%, 55%
XYZ	13.3264, 20.1443, 23.2825
YIQ	101.4530, -68.2640, -29.3840

Conversions

Conversions Part 2

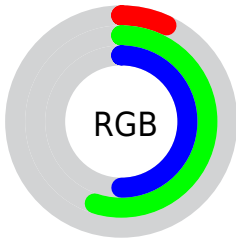
Format	Color
R _Y B	18, 82, 139
Decimal	1215359
CIE Lab	52.00, -33.35, -2.36
CIE LCh	52, 33.433, 184.040
Yxy	20.1443, 0.2348, 0.3549
Android (android.graphics.Color)	4279405439 (0xFF128B7F)
YUV	101.4530, 12.5947, -73.1883
Hunter-Lab	44.8824, -25.5444, 0.6614

Details

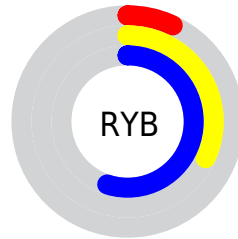
The CIELCh color **52, 33.433, 184.040** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **29, 55.634, 29.409**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **72, 33.373, 184.505**, and **33, 25.500, 181.579** is the 20% darker color. If you saturate the color by 10%, you get **52, 34.612, 182.974**, and if you desaturate by 10%, it is **52, 31.707, 185.030**.

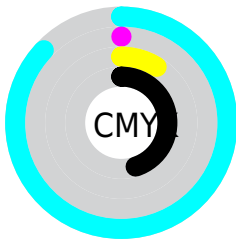
Distribution



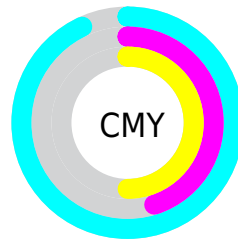
- Red (7%)
- Green (55%)
- Blue (50%)



- Red (7%)
- Yellow (32%)
- Blue (55%)



- Cyan (87%)
- Magenta (0%)
- Yellow (9%)
- Black (45%)





- Cyan (93%)
- Magenta (45%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 33.433, 184.040 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, 33.433, 184.040 by changing the saturation by 10% instead.


 52, 33.433,
184.040


 52, 33.433,
184.040


 100, 33.433,
184.040


 42, 33.433,
184.040


 72, 33.433,
184.040

 32, 33.433,
184.040

 82, 33.433,
184.040

 22, 33.433,
184.040

 92, 33.433,
184.040

 12, 33.433,
184.040

 2, 33.433, 184.040

 0, 33.433, 184.040

■ 52, 33.433,
184.040

■ 52, 33.433,
184.040

■ 52, 34.612,
182.974

■ 52, 31.707,
185.030

■ 52, 34.945,
182.655

■ 53, 29.341,
185.949

■ 53, 26.338,
186.813

■ 54, 22.735,
187.637

■ 54, 18.596,
188.433

■ 55, 14.000,
189.213

■ 56, 9.034, 189.988

■ 57, 3.780, 190.800

Harmonies

Complementary

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



52, 33.433, 184.040



29, 55.634, 29.409

Rectangle

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



52, 33.433, 184.040



52, 33.433, 234.040



52, 33.433, 4.040



52, 33.433, 54.040

Sweetspot

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



52, 33.433, 184.039



70, 16.767, 189.244



50, 71.525, 135.780



37, 11.354, 189.008



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, 33.433, 184.039



66, 42.523, 182.385



37, 32.884, 265.110



29, 3.030, 190.611



50, 33.744, 182.711



1, 1.431, 191.223

Inverse Universe

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



29, 55.634, 29.409



38, 76.657, 35.816



37, 49.446, 55.753



27, 3.171, 11.867



27, 60.091, 34.493



0, 1.431, 11.206

Previews

White Background



This preview shows how the CIELCh color 52, 33.433, 184.040 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, 33.433, 184.040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

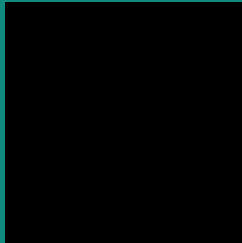
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 33.433, 184.040

Background



This preview shows how black text looks on a background with the CIELCh color 52, 33.433, 184.040.

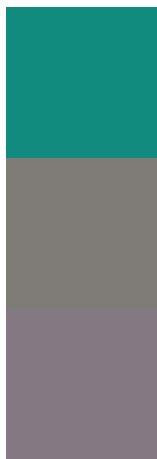


This preview shows how white text looks on a background with the CIELCh color 52, 33.433, 184.040.

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, 33.433, 184.040

Protanopia
52, 3.310, 80.264

Deuteranopia
52, 7.998, 327.247



Tritanopia
52, 27.413, 210.578

Trichromacy



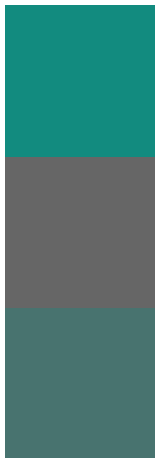
Original Color
52, 33.433, 184.040

Protanomaly
51, 16.401, 181.093

Deuteranomaly
51, 13.138, 205.814

Tritanomaly
52, 28.959, 200.151

Monochromacy



Original Color
52, 33.433, 184.040

Achromatopsia
43, 0.006, 296.813

Achromatomaly
45, 16.069, 189.014

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 33.433, 184.040 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(18, 139, 127)` looks like.

```
.text, #text, p{  
    color:rgb(18, 139, 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(18, 139, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 139, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 33.433, 184.040 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(18, 139, 127) }
```

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

```
.border{ border-color:rgb(18, 139, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 139, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 139, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 139, 127);  
box-shadow:4px 4px 4px 4px rgb(18, 139,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 33.433, 184.040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 139, 127) }
```

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

```
.background{ background-color: rgb(18, 139,  
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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