

Converting Colors

CIELCh(52, 34.060, 182.329)

Have a look what the booklet for
CIELCh(52, 34.060, 182.329)
contains.

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Color

CIELCh(52, 34.040, 182.182)

Conversions

Conversions Part 1

Format	Color
Hex	128B7D
RGB	18, 139, 125
RGB Percent	7%, 55%, 49%
CMY	0.9311, 0.4540, 0.5089
CMYK	0.87, 0.00, 0.10, 0.45
HSL	173°, 78%, 31%
HSV	173°, 87%, 55%
XYZ	13.2242, 20.1443, 22.6692
YIQ	101.2250, -67.6220, -30.0060

Conversions

Conversions Part 2

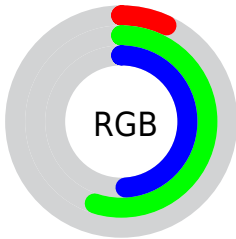
Format	Color
RYB	18, 82, 139
Decimal	1215357
CIELab	52.00, -34.02, -1.30
CIElCh	52, 34.040, 182.182
Yxy	20.1443, 0.2360, 0.3595
Android (android.graphics.Color)	4279405437 (0xFF128B7D)
YUV	101.2250, 11.7211, -72.9883
Hunter-Lab	44.8824, -25.9507, 1.4715

Details

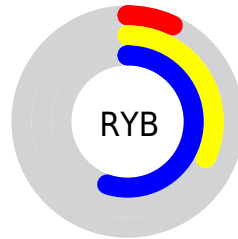
The CIELCh color **52, 34.040, 182.182** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **29, 55.415, 28.490**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **72, 33.817, 182.729**, and **33, 26.133, 178.976** is the 20% darker color. If you saturate the color by 10%, you get **52, 35.291, 180.994**, and if you desaturate by 10%, it is **52, 32.256, 183.284**.

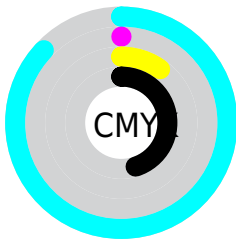
Distribution



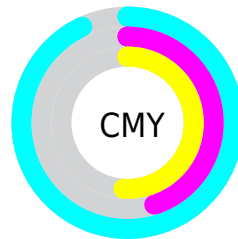
- Red (7%)
- Green (55%)
- Blue (49%)



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



- Cyan (87%)
- Magenta (0%)
- Yellow (10%)
- Black (45%)





- Cyan (93%)
- Magenta (45%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 34.040, 182.182 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, 34.040, 182.182 by changing the saturation by 10% instead.


 52, 34.040,
182.182


 52, 34.040,
182.182


 100, 34.040,
182.182


 42, 34.040,
182.182


 72, 34.040,
182.182

 32, 34.040,
182.182

 82, 34.040,
182.182

 22, 34.040,
182.182

 92, 34.040,
182.182

 12, 34.040,
182.182

 2, 34.040, 182.182

 0, 34.040, 182.182

■ 52, 34.040,
182.182

■ 52, 34.040,
182.182

■ 52, 35.291,
180.994

■ 52, 32.256,
183.284

■ 52, 35.601,
180.689

■ 53, 29.836,
184.298

■ 53, 26.781,
185.242

■ 54, 23.129,
186.133

■ 54, 18.946,
186.984

■ 55, 14.310,
187.809

■ 56, 9.309, 188.620

■ 57, 4.028, 189.456

Harmonies

Complementary

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



52, 34.040, 182.182



29, 55.415, 28.490

Rectangle

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



52, 34.040, 182.182



52, 34.040, 232.182



52, 34.040, 2.182



52, 34.040, 52.182

Sweetspot

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



52, 34.040, 182.181



70, 16.876, 187.875



51, 71.570, 135.560



37, 11.432, 187.627



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, 34.040, 182.181



66, 43.301, 180.387



37, 32.160, 262.892



29, 3.044, 189.300



49, 34.342, 180.753



1, 1.437, 189.935

Inverse Universe

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



29, 55.415, 28.490



38, 75.914, 34.966



36, 50.067, 54.409



27, 3.180, 10.600



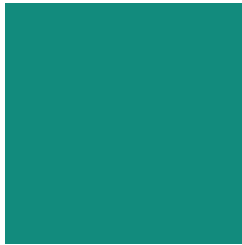
27, 59.534, 33.627



0, 1.437, 9.919

Previews

White Background



This preview shows how the CIELCh color 52, 34.040, 182.182 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, 34.040, 182.182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

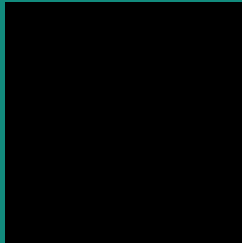
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 34.040, 182.182

Background



This preview shows how black text looks on a background with the CIELCh color 52, 34.040, 182.182.

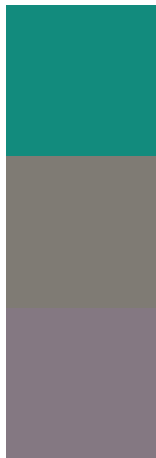


This preview shows how white text looks on a background with the CIELCh color 52, 34.040, 182.182.

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, 33.965, 182.159

Protanopia

52, 4.361, 87.543

Deuteranopia

52, 7.545, 329.891



Tritanopia
52, 27.282, 210.656

Trichromacy



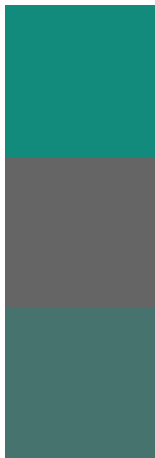
Original Color
52, 33.965, 182.159

Protanomaly
51, 16.895, 177.369

Deuteranomaly
51, 13.499, 200.530

Tritanomaly
52, 29.077, 198.954

Monochromacy



Original Color
52, 33.965, 182.159

Achromatopsia
43, 0.006, 296.813

Achromatomaly
45, 16.557, 187.105

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 34.040, 182.182 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, 125)` looks like.

```
.text, #text, p{  
    color:rgb(18, 139, 125)  
}
```

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, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 139, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 34.040, 182.182 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, 125) }
```

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

```
.border{ border-color:rgb(18, 139, 125) }
```

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, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 139, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 139, 125);  
box-shadow:4px 4px 4px 4px rgb(18, 139,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 34.040, 182.182 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, 125) }
```

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

```
.background{ background-color: rgb(18, 139,  
125) }
```

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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