

Converting Colors

CIELCh(52, 46.794, 179.010)

Have a look what the booklet for
CIELCh(52, 46.794, 179.010)
contains.

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Color

CIELCh(53, 37.992, 176.141)

Conversions

Conversions Part 1

Format	Color
Hex	008F79
RGB	0, 143, 121
RGB Percent	0%, 56%, 47%
CMY	0.9992, 0.4390, 0.5253
CMYK	1.00, 0.00, 0.15, 0.44
HSL	171°, 100%, 28%
HSV	171°, 100%, 56%
XYZ	13.2886, 21.0462, 21.4697
YIQ	97.7350, -78.1660, -37.1580

Conversions

Conversions Part 2

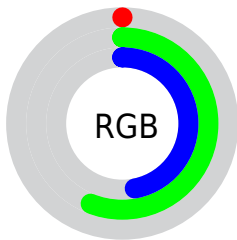
Format	Color
RYB	0, 77, 143
Decimal	36729
CIELab	53.00, -37.91, 2.56
CIELCh	53, 37.992, 176.141
Yxy	21.0462, 0.2381, 0.3771
Android (android.graphics.Color)	4278226809 (0xFF008F79)
YUV	97.7350, 11.4696, -85.7136
Hunter-Lab	45.8761, -28.5783, 4.3660

Details

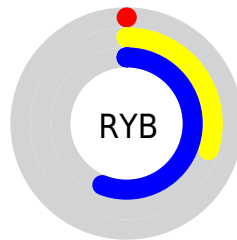
The CIELCh color **53, 37.992, 176.141** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **29, 61.526, 31.484**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **73, 38.264, 175.663**, and **34, 29.249, 171.580** is the 20% darker color. If you saturate the color by 10%, you get **53, 38.012, 176.120**, and if you desaturate by 10%, it is **53, 36.559, 177.589**.

Distribution



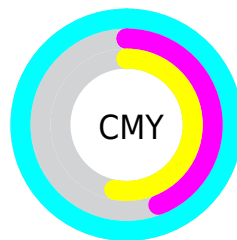
- Red (0%)
- Green (56%)
- Blue (47%)



- Red (0%)
- Yellow (30%)
- Blue (56%)



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (44%)





- Cyan (100%)
- Magenta (44%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 37.992, 176.141 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 53, 37.992, 176.141 by changing the saturation by 10% instead.


 53, 37.992,
176.141


 53, 37.992,
176.141


 100, 37.992,
176.141


 43, 37.992,
176.141


 73, 37.992,
176.141

 33, 37.992,
176.141

 83, 37.992,
176.141

 23, 37.992,
176.141

 93, 37.992,
176.141

 13, 37.992,
176.141

 3, 37.992, 176.141

 0, 37.992, 176.141

■ 53, 37.992,
176.141

■ 53, 37.992,
176.141

■ 53, 38.012,
176.120

■ 53, 36.559,
177.589

■ 53, 34.681,
178.959

■ 54, 32.164,
180.203

■ 54, 29.004,
181.340

■ 55, 25.235,
182.390

■ 55, 20.920,
183.373

■ 56, 16.141,
184.303

■ 57, 10.990,

185.197

■ 58, 5.554, 186.082

Harmonies

Complementary

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



53, 37.992, 176.141



29, 61.526, 31.484

Rectangle

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



53, 37.992, 176.141



53, 37.992, 226.141



53, 37.992, 356.141



53, 37.992, 46.141

Sweetspot

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



53, 37.992, 176.140



72, 20.063, 184.233



52, 76.615, 134.844



37, 13.650, 183.885



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



53, 37.992, 176.140



68, 46.327, 175.759



38, 33.259, 260.852



30, 3.179, 186.144



50, 36.437, 176.210



2, 2.180, 186.831

Inverse Universe

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



29, 61.526, 31.484



39, 75.652, 32.716



34, 59.810, 49.848



28, 3.309, 7.544



27, 58.932, 31.241



0, 2.180, 6.816

Previews

White Background



This preview shows how the CIELCh color 53, 37.992, 176.141 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 53, 37.992, 176.141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

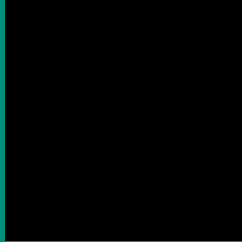
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 37.992, 176.141

Background



This preview shows how black text looks on a background with the CIELCh color 53, 37.992, 176.141.

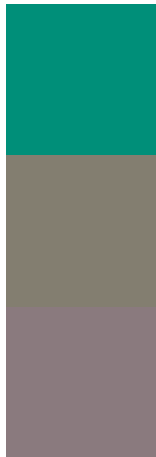


This preview shows how white text looks on a background with the CIELCh color 53, 37.992, 176.141.

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
53, 37.992, 176.141

Protanopia
53, 8.324, 94.649

Deuteranopia
53, 6.874, 0.547



Tritanopia
53, 27.727, 210.372

Trichromacy



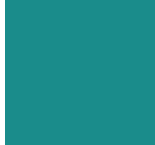
Original Color
53, 37.992, 176.141



Protanomaly
51, 21.034, 169.157



Deuteranomaly
51, 15.961, 185.045



Tritanomaly
53, 30.593, 195.413

Monochromacy



Original Color
53, 37.992, 176.141



Achromatopsia
42, 0.006, 296.813



Achromatomaly
44, 19.550, 182.930

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 37.992, 176.141 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(0, 143, 121)` looks like.

```
.text, #text, p{  
    color:rgb(0, 143, 121)  
}
```

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(0, 143, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 143, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 37.992, 176.141 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(0, 143, 121) }
```

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

```
.border{ border-color:rgb(0, 143, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 143, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 143, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 143, 121);  
box-shadow:4px 4px 4px 4px rgb(0, 143,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 37.992, 176.141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 143, 121) }
```

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

```
.background{ background-color: rgb(0, 143,  
121) }
```

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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