

Converting Colors

CIELCh(53, 37.851, 176.017)

Have a look what the booklet for
CIELCh(53, 37.851, 176.017)
contains.

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Color

CIELCh(53, 37.841, 176.075)

Conversions

Conversions Part 1

Format	Color
Hex	038F79
RGB	3, 143, 121
RGB Percent	1%, 56%, 47%
CMY	0.9881, 0.4392, 0.5255
CMYK	0.98, 0.00, 0.15, 0.44
HSL	171°, 96%, 29%
HSV	171°, 98%, 56%
XYZ	13.3122, 21.0462, 21.4512
YIQ	98.6320, -76.3780, -36.5220

Conversions

Conversions Part 2

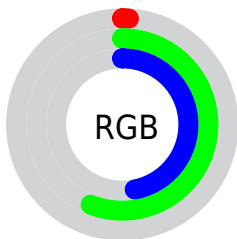
Format	Color
RYB	3, 79, 143
Decimal	233337
CIELab	53.00, -37.75, 2.59
CIELCh	53, 37.841, 176.075
Yxy	21.0462, 0.2385, 0.3771
Android (android.graphics.Color)	4278423417 (0xFF038F79)
YUV	98.6320, 11.0274, -83.8693
Hunter-Lab	45.8761, -28.4864, 4.3898

Details

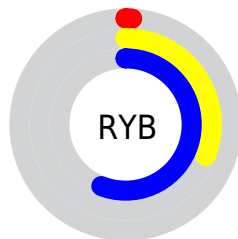
The CIELCh color **53, 37.841, 176.075** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **29, 60.410, 30.440**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **73, 38.067, 175.567**, and **34, 29.249, 171.580** is the 20% darker color. If you saturate the color by 10%, you get **53, 38.146, 175.771**, and if you desaturate by 10%, it is **53, 36.347, 177.542**.

Distribution



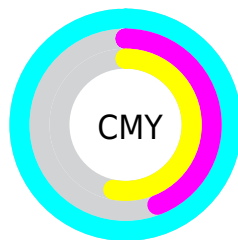
- Red (1%)
- Green (56%)
- Blue (47%)



- Red (1%)
- Yellow (31%)
- Blue (56%)



- Cyan (98%)
- Magenta (0%)
- Yellow (15%)
- Black (44%)





- Cyan (99%)
- Magenta (44%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 37.841, 176.075 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, 37.841, 176.075 by changing the saturation by 10% instead.


 53, 37.841,
176.075


 53, 37.841,
176.075


 100, 37.841,
176.075


 43, 37.841,
176.075


 73, 37.841,
176.075

 33, 37.841,
176.075

 83, 37.841,
176.075

 23, 37.841,
176.075

 93, 37.841,
176.075

 13, 37.841,
176.075

 3, 37.841, 176.075

 0, 37.841, 176.075

■ 53, 37.841,
176.075

■ 53, 37.841,
176.075

■ 53, 38.146,
175.771

■ 53, 36.347,
177.542

■ 53, 34.327,
178.902

■ 54, 31.665,
180.138

■ 54, 28.364,
181.268

■ 55, 24.467,
182.314

■ 56, 20.040,
183.293

■ 56, 15.170,
184.222

■ 57, 9.946, 185.116

Harmonies

Complementary

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



53, 37.841, 176.075



29, 60.410, 30.440

Rectangle

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



53, 37.841, 176.075



53, 37.841, 226.075



53, 37.841, 356.075



53, 37.841, 46.075

Sweetspot

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



53, 37.841, 176.074



72, 19.478, 184.064



52, 75.992, 134.874



37, 13.331, 183.709



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, 37.841, 176.074



68, 46.508, 175.404



39, 32.799, 259.971



30, 3.183, 185.892



50, 36.575, 175.861



2, 2.182, 186.583

Inverse Universe

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



29, 60.410, 30.440



39, 75.494, 32.509



34, 58.536, 49.862



28, 3.312, 7.299



27, 58.812, 31.025



0, 2.182, 6.568

Previews

White Background



This preview shows how the CIELCh color 53, 37.841, 176.075 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, 37.841, 176.075 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, 37.841, 176.075

Background



This preview shows how black text looks on a background with the CIELCh color 53, 37.841, 176.075.

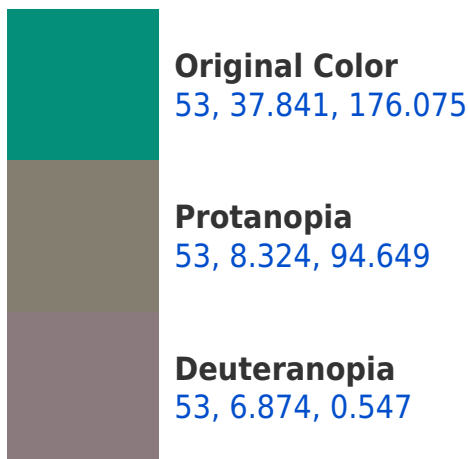


This preview shows how white text looks on a background with the CIELCh color 53, 37.841, 176.075.

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
53, 27.727, 210.372

Trichromacy



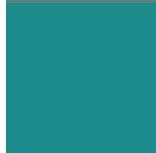
Original Color
53, 37.841, 176.075



Protanomaly
51, 20.747, 168.773



Deuteranomaly
51, 15.643, 184.820

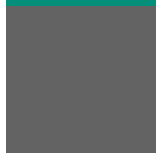


Tritanomaly
53, 30.494, 195.418

Monochromacy



Original Color
53, 37.841, 176.075



Achromatopsia
42, 0.006, 296.813



Achromatomaly
45, 19.262, 182.786

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 37.841, 176.075 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(3, 143, 121)` looks like.

```
.text, #text, p{  
    color:rgb(3, 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(3, 143, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 143, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 37.841, 176.075 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(3, 143, 121) }
```

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

```
.border{ border-color:rgb(3, 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(3, 143, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 143, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 143, 121);  
box-shadow:4px 4px 4px 4px rgb(3, 143,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 37.841, 176.075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 143, 121) }
```

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

```
.background{ background-color: rgb(3, 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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