

Converting Colors

CIELCh(52, 30.209, 210.221)

Have a look what the booklet for
CIELCh(52, 30.209, 210.221)
contains.

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Color

CIELCh(52, 30.163, 210.245)

Conversions

Conversions Part 1

Format	Color
Hex	078995
RGB	7, 137, 149
RGB Percent	3%, 54%, 58%
CMY	0.9745, 0.4622, 0.4152
CMYK	0.96, 0.08, 0.00, 0.42
HSL	185°, 92%, 31%
HSV	185°, 96%, 58%
XYZ	14.4806, 20.1443, 31.6135
YIQ	99.4980, -81.3320, -23.8280

Conversions

Conversions Part 2

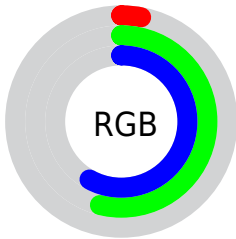
Format	Color
RYB	7, 75, 149
Decimal	493973
CIELab	52.00, -26.06, -15.19
CIELCh	52, 30.163, 210.245
Yxy	20.1443, 0.2186, 0.3041
Android (android.graphics.Color)	4278684053 (0xFF078995)
YUV	99.4980, 24.4045, -81.1207
Hunter-Lab	44.8824, -20.9539, -10.3440

Details

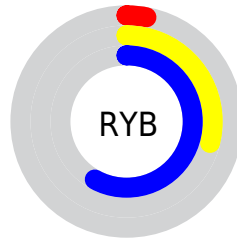
The CIELCh color **52, 30.163, 210.245** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **31, 66.019, 39.776**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **72, 30.145, 209.919**, and **33, 22.054, 215.334** is the 20% darker color. If you saturate the color by 10%, you get **52, 30.355, 210.783**, and if you desaturate by 10%, it is **53, 29.562, 209.073**.

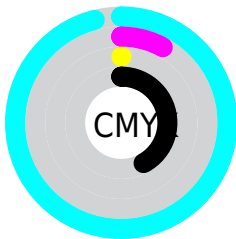
Distribution



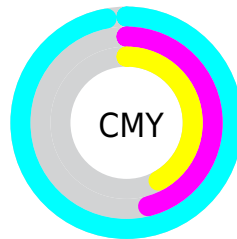
- Red (3%)
- Green (54%)
- Blue (58%)



- Red (3%)
- Yellow (29%)
- Blue (58%)



- Cyan (96%)
- Magenta (8%)
- Yellow (0%)
- Black (42%)





- Cyan (97%)
- Magenta (46%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 30.163, 210.245 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, 30.163, 210.245 by changing the saturation by 10% instead.


 52, 30.163,
210.245


 52, 30.163,
210.245


 100, 30.163,
210.245


 42, 30.163,
210.245


 72, 30.163,
210.245

 32, 30.163,
210.245

 82, 30.163,
210.245

 22, 30.163,
210.245

 92, 30.163,
210.245

 12, 30.163,
210.245

 2, 30.163, 210.245

 0, 30.163, 210.245

■ 52, 30.163,
210.245

■ 52, 30.163,
210.245

■ 52, 30.355,
210.783

■ 53, 29.562,
209.073

■ 53, 28.350,
208.158

■ 54, 26.464,
207.483

■ 55, 23.905,
207.021

■ 56, 20.708,
206.743

■ 57, 16.935,
206.620

■ 58, 12.663,
206.630

■ 59, 7.975, 206.757

Harmonies

Complementary

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



52, 30.163, 210.245



31, 66.019, 39.776

Rectangle

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



52, 30.163, 210.245



52, 30.163, 260.245



52, 30.163, 30.245



52, 30.163, 80.245

Sweetspot

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



52, 30.162, 210.244



73, 17.483, 206.612



54, 77.324, 137.191



38, 11.781, 206.612



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



52, 30.162, 210.244



66, 36.782, 211.108



30, 53.193, 288.877



31, 2.913, 206.908



48, 28.657, 210.669



2, 2.609, 207.045

Inverse Universe

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



35, 71.835, 331.654



45, 87.983, 331.905



44, 53.900, 69.424



29, 5.452, 327.283



32, 68.526, 331.798



1, 4.741, 326.794

Previews

White Background



This preview shows how the CIE LCh color 52, 30.163, 210.245 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, 30.163, 210.245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

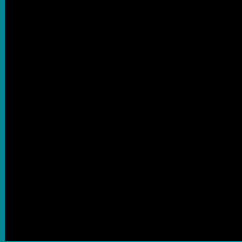
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 30.163, 210.245

Background



This preview shows how black text looks on a background with the CIELCh color 52, 30.163, 210.245.

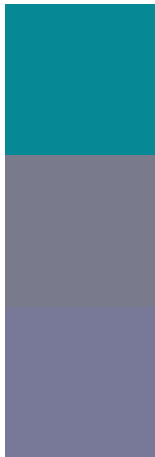


This preview shows how white text looks on a background with the CIELCh color 52, 30.163, 210.245.

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, 30.118, 210.270

Protanopia
52, 9.894, 289.244

Deuteranopia
52, 18.619, 291.394



Tritanopia
52, 30.471, 208.924

Trichromacy



Original Color
52, 30.118, 210.270

Protanomaly
51, 18.143, 227.070

Deuteranomaly
51, 20.648, 243.633

Tritanomaly
52, 30.379, 208.970

Monochromacy



Original Color
52, 30.118, 210.270

Achromatopsia
42, 0.006, 296.813

Achromatomaly
45, 16.822, 205.844

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 30.163, 210.245 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(7, 137, 149)` looks like.

```
.text, #text, p{  
    color:rgb(7, 137, 149)  
}
```

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(7, 137, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 137, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 30.163, 210.245 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(7, 137, 149) }
```

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

```
.border{ border-color:rgb(7, 137, 149) }
```

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

Here you see how a box with a 4 pixel rgb(7, 137, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 137, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 137, 149);  
box-shadow:4px 4px 4px 4px rgb(7, 137,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 30.163, 210.245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 137, 149) }
```

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

```
.background{ background-color: rgb(7, 137,  
149) }
```

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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