

Converting Colors

CIELCh(51, 33.695, 208.435)

Have a look what the booklet for
CIELCh(51, 33.695, 208.435)
contains.

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Color

CIELCh(52, 30.273, 210.193)

Conversions

Conversions Part 1

Format	Color
Hex	048995
RGB	4, 137, 149
RGB Percent	2%, 54%, 58%
CMY	0.9833, 0.4620, 0.4150
CMYK	0.97, 0.08, 0.00, 0.41
HSL	185°, 94%, 30%
HSV	185°, 97%, 59%
XYZ	14.4629, 20.1443, 31.6362
YIQ	98.6010, -83.1200, -24.4640

Conversions

Conversions Part 2

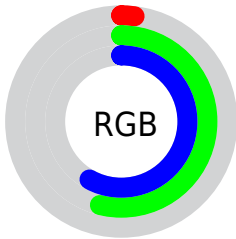
Format	Color
RYB	4, 73, 149
Decimal	297365
CIELab	52.00, -26.17, -15.22
CIELCh	52, 30.273, 210.193
Yxy	20.1443, 0.2183, 0.3041
Android (android.graphics.Color)	4278487445 (0xFF048995)
YUV	98.6010, 24.8467, -82.9651
Hunter-Lab	44.8824, -21.0243, -10.3739

Details

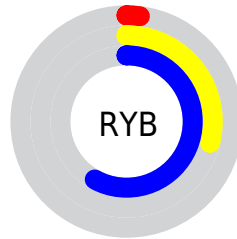
The CIELCh color **52, 30.273, 210.193** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **31, 66.887, 40.063**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **72, 30.339, 209.824**, and **33, 22.054, 215.334** is the 20% darker color. If you saturate the color by 10%, you get **52, 30.399, 210.536**, and if you desaturate by 10%, it is **53, 29.732, 209.017**.

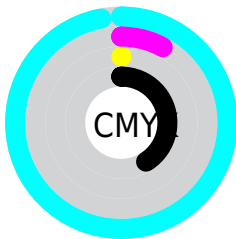
Distribution



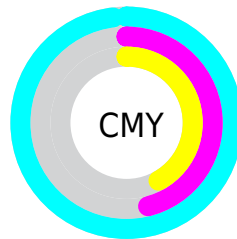
- Red (2%)
- Green (54%)
- Blue (58%)



- Red (2%)
- Yellow (29%)
- Blue (58%)



- Cyan (97%)
- Magenta (8%)
- Yellow (0%)
- Black (41%)





- Cyan (98%)
- Magenta (46%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 30.273, 210.193 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, 30.273, 210.193 by changing the saturation by 10% instead.


 52, 30.273,
210.193


 52, 30.273,
210.193


 100, 30.273,
210.193


 42, 30.273,
210.193


 72, 30.273,
210.193

 32, 30.273,
210.193

 82, 30.273,
210.193

 22, 30.273,
210.193

 92, 30.273,
210.193

 12, 30.273,
210.193

 2, 30.273, 210.193

 0, 30.273, 210.193

■ 52, 30.273,
210.193

■ 52, 30.273,
210.193

■ 52, 30.399,
210.536

■ 53, 29.732,
209.017

■ 53, 28.618,
208.082

■ 54, 26.833,
207.389

■ 55, 24.370,
206.909

■ 56, 21.262,
206.615

■ 57, 17.567,
206.480

■ 58, 13.360,
206.478

■ 59, 8.723, 206.594

Harmonies

Complementary

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



52, 30.273, 210.193



31, 66.887, 40.063

Rectangle

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



52, 30.273, 210.193



52, 30.273, 260.193



52, 30.273, 30.193



52, 30.273, 80.193

Sweetspot

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



52, 30.272, 210.192



73, 17.503, 206.467



54, 78.218, 136.857



38, 11.795, 206.465



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, 30.272, 210.192



66, 36.826, 210.855



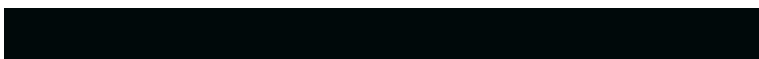
30, 52.494, 288.135



31, 2.916, 206.776



48, 28.691, 210.424



2, 2.612, 206.918

Inverse Universe

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



35, 72.186, 331.655



45, 88.073, 331.843



43, 54.617, 67.581



29, 5.457, 327.244



32, 68.594, 331.738



1, 4.745, 326.755

Previews

White Background



This preview shows how the CIELCh color 52, 30.273, 210.193 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, 30.273, 210.193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

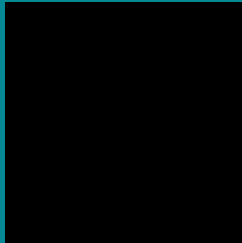
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 30.273, 210.193

Background



This preview shows how black text looks on a background with the CIELCh color 52, 30.273, 210.193.

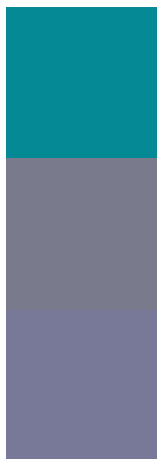


This preview shows how white text looks on a background with the CIELCh color 52, 30.273, 210.193.

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, 30.254, 210.196

Protanopia

52, 9.894, 289.244

Deuteranopia

52, 18.619, 291.394



Tritanopia
52, 30.471, 208.924

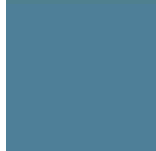
Trichromacy



Original Color
52, 30.254, 210.196



Protanomaly
51, 18.143, 227.070



Deuteranomaly
51, 20.833, 243.109

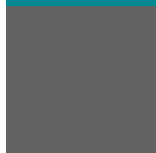


Tritanomaly
52, 30.379, 208.970

Monochromacy



Original Color
52, 30.254, 210.196



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, 30.273, 210.193 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(4, 137, 149)` looks like.

```
.text, #text, p{  
    color:rgb(4, 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(4, 137, 149) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 52, 30.273, 210.193 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(4, 137, 149) }
```

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

```
.border{ border-color:rgb(4, 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(4, 137, 149)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 52, 30.273, 210.193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 137, 149) }
```

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

```
.background{ background-color: rgb(4, 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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