

Converting Colors

CIELCh(52, 30.836, 225.537)

Have a look what the booklet for
CIELCh(52, 30.836, 225.537)
contains.

CIELCh(52, 30.848, 225.498)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(52, 30.848, 225.498)

Conversions

Conversions Part 1

Format	Color
Hex	0188A1
RGB	1, 136, 161
RGB Percent	0%, 53%, 63%
CMY	0.9979, 0.4672, 0.3691
CMYK	1.00, 0.16, 0.00, 0.37
HSL	189°, 99%, 32%
HSV	189°, 100%, 63%
XYZ	15.2141, 20.1443, 36.7443
YIQ	98.4850, -88.4850, -20.8450

Conversions

Conversions Part 2

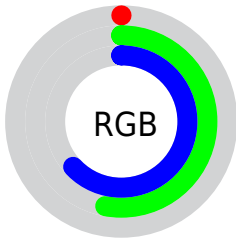
Format	Color
RYB	1, 74, 161
Decimal	100513
CIELab	52.00, -21.62, -22.00
CIELCh	52, 30.848, 225.498
Yxy	20.1443, 0.2110, 0.2794
Android (android.graphics.Color)	4278290593 (0xFF0188A1)
YUV	98.4850, 30.8199, -85.4943
Hunter-Lab	44.8824, -18.0368, -17.1218

Details

The CIELCh color **52, 30.848, 225.498** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **35, 70.991, 42.369**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **72, 30.973, 225.014**, and **33, 23.509, 235.816** is the 20% darker color. If you saturate the color by 10%, you get **52, 30.866, 225.587**, and if you desaturate by 10%, it is **53, 30.273, 222.836**.

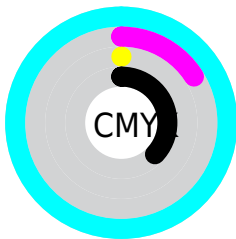
Distribution



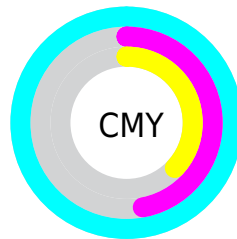
- Red (0%)
- Green (53%)
- Blue (63%)



- Red (0%)
- Yellow (29%)
- Blue (63%)



- Cyan (100%)
- Magenta (16%)
- Yellow (0%)
- Black (37%)




- Cyan (100%)
- Magenta (47%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 30.848, 225.498 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, 30.848, 225.498 by changing the saturation by 10% instead.


 52, 30.848,
225.498

 52, 30.848,
225.498

 100, 30.848,
225.498

 42, 30.848,
225.498


 72, 30.848,
225.498

 32, 30.848,
225.498

 82, 30.848,
225.498

 22, 30.848,
225.498

 92, 30.848,
225.498

 12, 30.848,
225.498

 2, 30.848, 225.498

 0, 30.848, 225.498

■ 52, 30.848,
225.498

■ 52, 30.848,
225.498

■ 52, 30.866,
225.587

■ 53, 30.273,
222.836

■ 54, 29.241,
220.580

■ 55, 27.567,
218.795

■ 56, 25.223,
217.418

■ 58, 22.230,
216.386

■ 59, 18.639,
215.639

■ 61, 14.522,
215.125

■ 63, 9.961, 214.803

Harmonies

Complementary

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



52, 30.848, 225.498



35, 70.991, 42.369

Rectangle

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



52, 30.848, 225.498



52, 30.848, 275.498



52, 30.848, 45.498



52, 30.848, 95.498

Sweetspot

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



52, 30.847, 225.498



77, 18.120, 215.163



58, 81.233, 137.803



40, 12.147, 215.347



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



52, 30.847, 225.498



66, 37.495, 226.217



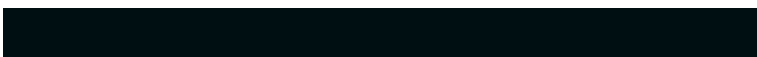
28, 66.481, 295.132



34, 2.985, 214.658



47, 28.659, 225.303



3, 4.639, 219.130

Inverse Universe

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



37, 72.543, 335.475



48, 88.006, 335.661



49, 58.344, 74.483



32, 5.627, 329.553



33, 67.455, 335.427



1, 8.457, 330.416

Previews

White Background



This preview shows how the CIE LCh color 52, 30.848, 225.498 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, 30.848, 225.498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

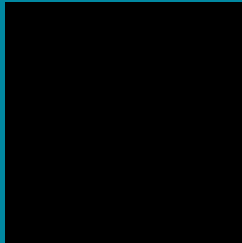
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 30.848, 225.498

Background



This preview shows how black text looks on a background with the CIELCh color 52, 30.848, 225.498.

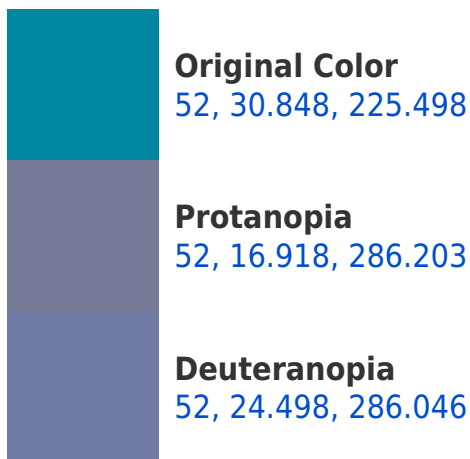


This preview shows how white text looks on a background with the CIELCh color 52, 30.848, 225.498.

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
52, 30.471, 208.924

Trichromacy



Original Color
52, 30.848, 225.498

Protanomaly
51, 22.388, 245.592

Deuteranomaly
51, 25.864, 253.268

Tritanomaly
52, 30.413, 214.811

Monochromacy



Original Color
52, 30.848, 225.498

Achromatopsia
42, 0.006, 296.813

Achromatomaly
44, 17.263, 216.037

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 30.848, 225.498 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(1, 136, 161)` looks like.

```
.text, #text, p{  
    color:rgb(1, 136, 161)  
}
```

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(1, 136, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 136, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 30.848, 225.498 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(1, 136, 161) }
```

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

```
.border{ border-color:rgb(1, 136, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 136, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 136, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 136, 161);  
box-shadow:4px 4px 4px 4px rgb(1, 136,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 30.848, 225.498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 136, 161) }
```

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

```
.background{ background-color: rgb(1, 136,  
161) }
```

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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