

Converting Colors

CIELCh(52, 30.362, 218.485)

Have a look what the booklet for
CIELCh(52, 30.362, 218.485)
contains.

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Color

CIELCh(52, 30.337, 219.734)

Conversions

Conversions Part 1

Format	Color
Hex	03889C
RGB	3, 136, 156
RGB Percent	1%, 53%, 61%
CMY	0.9867, 0.4652, 0.3868
CMYK	0.98, 0.13, 0.00, 0.39
HSL	188°, 96%, 31%
HSV	188°, 98%, 61%
XYZ	14.9289, 20.1443, 34.7170
YIQ	98.5130, -85.6880, -21.9760

Conversions

Conversions Part 2

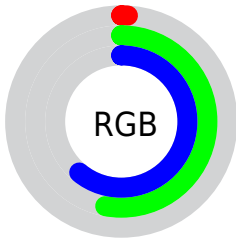
Format	Color
RYB	3, 74, 156
Decimal	231580
CIELab	52.00, -23.33, -19.39
CIElCh	52, 30.337, 219.734
Yxy	20.1443, 0.2139, 0.2886
Android (android.graphics.Color)	4278421660 (0xFF03889C)
YUV	98.5130, 28.3411, -83.7649
Hunter-Lab	44.8824, -19.1713, -14.4437

Details

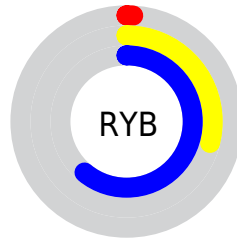
The CIELCh color **52, 30.337, 219.734** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **33, 68.879, 41.376**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **72, 30.384, 219.784**, and **33, 22.686, 229.388** is the 20% darker color. If you saturate the color by 10%, you get **52, 30.439, 220.200**, and if you desaturate by 10%, it is **53, 29.797, 217.623**.

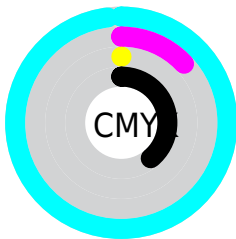
Distribution



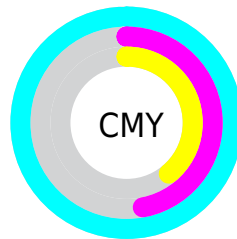
- Red (1%)
- Green (53%)
- Blue (61%)



- Red (1%)
- Yellow (29%)
- Blue (61%)



- Cyan (98%)
- Magenta (13%)
- Yellow (0%)
- Black (39%)





- Cyan (99%)
- Magenta (47%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 30.337, 219.734 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, 30.337, 219.734 by changing the saturation by 10% instead.


 52, 30.337,
219.734


 52, 30.337,
219.734


 100, 30.337,
219.734


 42, 30.337,
219.734


 72, 30.337,
219.734

 32, 30.337,
219.734

 82, 30.337,
219.734

 22, 30.337,
219.734

 92, 30.337,
219.734

 12, 30.337,
219.734

 2, 30.337, 219.734

 0, 30.337, 219.734

■ 52, 30.337,
219.734

■ 52, 30.337,
219.734

■ 52, 30.439,
220.200

■ 53, 29.797,
217.623

■ 54, 28.713,
215.891

■ 55, 26.967,
214.544

■ 56, 24.544,
213.529

■ 57, 21.475,
212.795

■ 58, 17.816,
212.295

■ 60, 13.643,
211.987

■ 61, 9.038, 211.840

Harmonies

Complementary

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



52, 30.337, 219.734



33, 68.879, 41.376

Rectangle

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



52, 30.337, 219.734



52, 30.337, 269.734



52, 30.337, 39.734



52, 30.337, 89.734

Sweetspot

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



52, 30.336, 219.733



76, 17.539, 212.028



56, 79.929, 137.456



39, 11.822, 212.140



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



52, 30.336, 219.733



66, 37.035, 220.735



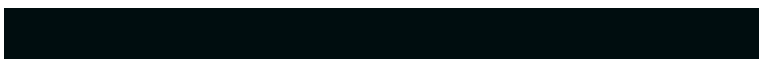
29, 60.147, 292.281



33, 2.961, 211.843



48, 28.496, 219.989



3, 3.896, 214.520

Inverse Universe

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



36, 72.165, 334.011



47, 88.111, 334.276



47, 56.533, 71.859



31, 5.579, 328.731



32, 67.881, 334.090



1, 7.128, 329.036

Previews

White Background



This preview shows how the CIELCh color 52, 30.337, 219.734 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, 30.337, 219.734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

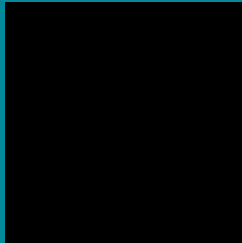
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 30.337, 219.734

Background



This preview shows how black text looks on a background with the CIELCh color 52, 30.337, 219.734.

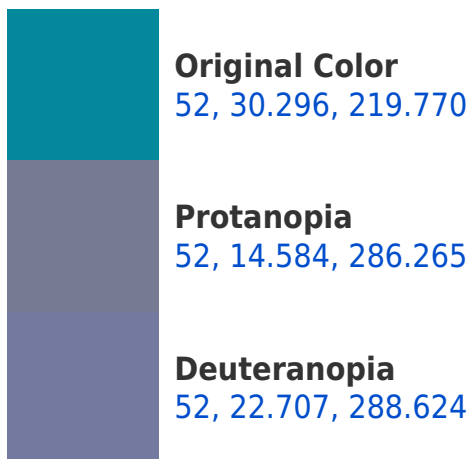


This preview shows how white text looks on a background with the CIELCh color 52, 30.337, 219.734.

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



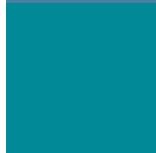
Original Color
52, 30.296, 219.770



Protanomaly
51, 20.578, 239.256



Deuteranomaly
51, 23.860, 250.362

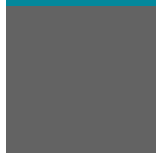


Tritanomaly
52, 30.357, 212.481

Monochromacy



Original Color
52, 30.296, 219.770



Achromatopsia
42, 0.006, 296.813



Achromatomaly
45, 17.138, 211.903

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 30.337, 219.734 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, 136, 156)` looks like.

```
.text, #text, p{  
    color:rgb(3, 136, 156)  
}
```

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, 136, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 136, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 30.337, 219.734 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, 136, 156) }
```

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

```
.border{ border-color:rgb(3, 136, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 136, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 136, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 136, 156);  
box-shadow:4px 4px 4px 4px rgb(3, 136,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 30.337, 219.734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 136, 156) }
```

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

```
.background{ background-color: rgb(3, 136,  
156) }
```

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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