

Converting Colors

CIELCh(52, 31.042, 201.608)

Have a look what the booklet for
CIELCh(52, 31.042, 201.608)
contains.

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Color

CIELCh(52, 31.032, 201.948)

Conversions

Conversions Part 1

Format	Color
Hex	018A8F
RGB	1, 138, 143
RGB Percent	0%, 54%, 56%
CMY	0.9969, 0.4591, 0.4395
CMYK	0.99, 0.03, 0.00, 0.44
HSL	182°, 99%, 28%
HSV	182°, 99%, 56%
XYZ	14.0417, 20.1443, 29.1087
YIQ	97.6070, -83.2570, -27.4890

Conversions

Conversions Part 2

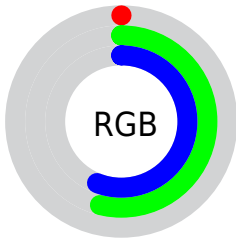
Format	Color
RYB	1, 71, 143
Decimal	101007
CIELab	52.00, -28.78, -11.60
CIELCh	52, 31.032, 201.948
Yxy	20.1443, 0.2218, 0.3183
Android (android.graphics.Color)	4278291087 (0xFF018A8F)
YUV	97.6070, 22.3787, -84.7243
Hunter-Lab	44.8824, -22.6994, -7.0351

Details

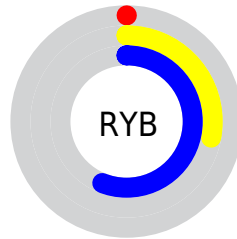
The CIELCh color **52, 31.032, 201.948** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **29, 66.392, 39.621**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **72, 30.974, 202.211**, and **33, 22.166, 206.551** is the 20% darker color. If you saturate the color by 10%, you get **52, 31.062, 201.970**, and if you desaturate by 10%, it is **52, 30.450, 201.539**.

Distribution



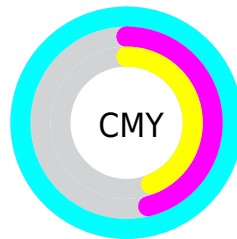
- Red (0%)
- Green (54%)
- Blue (56%)



- Red (0%)
- Yellow (28%)
- Blue (56%)



- Cyan (99%)
- Magenta (3%)
- Yellow (0%)
- Black (44%)





- Cyan (100%)
- Magenta (46%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 31.032, 201.948 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, 31.032, 201.948 by changing the saturation by 10% instead.


 52, 31.032,
201.948


 52, 31.032,
201.948


 100, 31.032,
201.948


 42, 31.032,
201.948


 72, 31.032,
201.948

 32, 31.032,
201.948

 82, 31.032,
201.948

 22, 31.032,
201.948

 92, 31.032,
201.948

 12, 31.032,
201.948

 2, 31.032, 201.948

 0, 31.032, 201.948

■ 52, 31.032,
201.948

■ 52, 31.032,
201.948

■ 52, 31.062,
201.970

■ 52, 30.450,
201.539

■ 53, 29.395,
201.229

■ 53, 27.689,
201.046

■ 54, 25.314,
200.983

■ 54, 22.291,
201.031

■ 55, 18.670,
201.178

■ 56, 14.520,
201.414

■ 57, 9.920, 201.731

Harmonies

Complementary

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



52, 31.032, 201.948



29, 66.392, 39.621

Rectangle

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



52, 31.032, 201.948



52, 31.032, 251.948



52, 31.032, 21.948



52, 31.032, 71.948

Sweetspot

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



52, 31.031, 201.947



71, 18.271, 201.382



51, 76.998, 136.411



37, 12.377, 201.286



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



52, 31.031, 201.947



67, 37.698, 202.094



29, 48.790, 285.995



30, 2.962, 202.152



49, 29.830, 201.940



2, 2.048, 202.459

Inverse Universe

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



33, 72.985, 329.638



44, 88.748, 329.681



40, 54.277, 64.325



28, 5.476, 325.865



31, 70.193, 329.643



1, 3.678, 325.390

Previews

White Background



This preview shows how the CIELCh color 52, 31.032, 201.948 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, 31.032, 201.948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

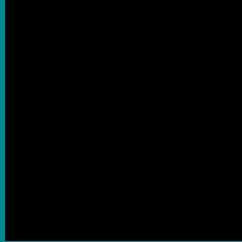
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 31.032, 201.948

Background



This preview shows how black text looks on a background with the CIELCh color 52, 31.032, 201.948.



This preview shows how white text looks on a background with the CIELCh color 52, 31.032, 201.948.

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, 29.491, 209.420

Trichromacy



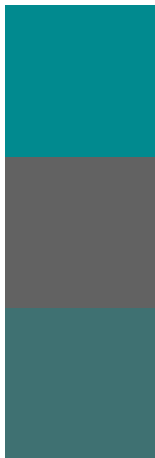
Original Color
52, 31.032, 201.948

Protanomaly
51, 17.289, 215.676

Deuteranomaly
51, 18.834, 234.515

Tritanomaly
52, 30.007, 206.824

Monochromacy



Original Color
52, 31.032, 201.948

Achromatopsia
42, 0.006, 296.813

Achromatomaly
44, 17.524, 199.440

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 31.032, 201.948 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, 138, 143)` looks like.

```
.text, #text, p{  
    color:rgb(1, 138, 143)  
}
```

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, 138, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 138, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 31.032, 201.948 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, 138, 143) }
```

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

```
.border{ border-color:rgb(1, 138, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 138, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 138, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 138, 143);  
box-shadow:4px 4px 4px 4px rgb(1, 138,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 31.032, 201.948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 138, 143) }
```

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

```
.background{ background-color: rgb(1, 138,  
143) }
```

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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