

Converting Colors

CIELCh(53, 31.077, 207.522)

Have a look what the booklet for
CIELCh(53, 31.077, 207.522)
contains.

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Color

CIELCh(53, 31.011, 207.525)

Conversions

Conversions Part 1

Format	Color
Hex	018C96
RGB	1, 140, 150
RGB Percent	0%, 55%, 59%
CMY	0.9963, 0.4500, 0.4108
CMYK	0.99, 0.07, 0.00, 0.41
HSL	184°, 99%, 30%
HSV	184°, 99%, 59%
XYZ	14.9520, 21.0462, 32.2351
YIQ	99.5790, -86.0540, -26.3580

Conversions

Conversions Part 2

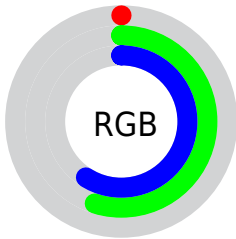
Format	Color
RYB	1, 73, 150
Decimal	101526
CIELab	53.00, -27.50, -14.33
CIELCh	53, 31.011, 207.525
Yxy	21.0462, 0.2191, 0.3084
Android (android.graphics.Color)	4278291606 (0xFF018C96)
YUV	99.5790, 24.8576, -86.4538
Hunter-Lab	45.8761, -22.1062, -9.5472

Details

The CIELCh color **53, 31.011, 207.525** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **31, 68.684, 40.305**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **73, 30.998, 207.395**, and **34, 22.387, 213.230** is the 20% darker color. If you saturate the color by 10%, you get **53, 31.039, 207.583**, and if you desaturate by 10%, it is **53, 30.516, 206.598**.

Distribution



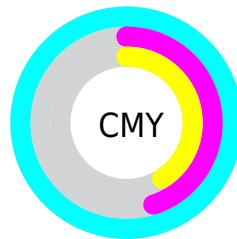
- Red (0%)
- Green (55%)
- Blue (59%)



- Red (0%)
- Yellow (29%)
- Blue (59%)



- Cyan (99%)
- Magenta (7%)
- Yellow (0%)
- Black (41%)





- Cyan (100%)
- Magenta (45%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 31.011, 207.525 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 53, 31.011, 207.525 by changing the saturation by 10% instead.


 53, 31.011,
207.525


 53, 31.011,
207.525


 100, 31.011,
207.525


 43, 31.011,
207.525


 73, 31.011,
207.525

 33, 31.011,
207.525


 83, 31.011,
207.525

 23, 31.011,
207.525

 93, 31.011,
207.525

 13, 31.011,
207.525

 3, 31.011, 207.525

 0, 31.011, 207.525

■ 53, 31.011,
207.525

■ 53, 31.011,
207.525

■ 53, 31.039,
207.583

■ 53, 30.516,
206.598

■ 54, 29.517,
205.844

■ 55, 27.845,
205.294

■ 55, 25.482,
204.929

■ 56, 22.453,
204.729

■ 57, 18.809,
204.670

■ 58, 14.625,
204.733

■ 59, 9.983, 204.902

Harmonies

Complementary

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



53, 31.011, 207.525



31, 68.684, 40.305

Rectangle

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



53, 31.011, 207.525



53, 31.011, 257.525



53, 31.011, 27.525



53, 31.011, 77.525

Sweetspot

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



53, 31.010, 207.524



74, 18.493, 204.719



54, 79.231, 136.731



39, 12.521, 204.686



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



53, 31.010, 207.524



68, 37.776, 207.834



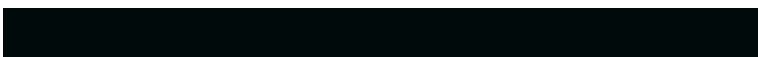
30, 54.100, 288.990



31, 2.958, 205.190



49, 29.143, 207.488



2, 2.649, 205.390

Inverse Universe

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



35, 73.848, 331.020



46, 90.050, 331.103



43, 55.821, 67.099



29, 5.517, 326.776



32, 69.434, 331.018



1, 4.798, 326.291

Previews

White Background



This preview shows how the CIELCh color 53, 31.011, 207.525 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 53, 31.011, 207.525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

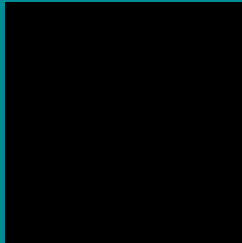
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 31.011, 207.525

Background



This preview shows how black text looks on a background with the CIELCh color 53, 31.011, 207.525.



This preview shows how white text looks on a background with the CIELCh color 53, 31.011, 207.525.

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
53, 30.517, 208.888

Trichromacy



Original Color
53, 30.966, 207.545



Protanomaly
52, 18.531, 222.149



Deuteranomaly
51, 20.687, 241.066



Tritanomaly
53, 30.651, 208.823

Monochromacy



Original Color
53, 30.966, 207.545



Achromatopsia
42, 0.006, 296.813



Achromatomaly
45, 17.681, 203.366

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 31.011, 207.525 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, 140, 150)` looks like.

```
.text, #text, p{  
    color:rgb(1, 140, 150)  
}
```

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, 140, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 140, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 31.011, 207.525 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, 140, 150) }
```

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

```
.border{ border-color:rgb(1, 140, 150) }
```

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

Here you see how a box with a 4 pixel rgb(1, 140, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 140, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 140, 150);  
box-shadow:4px 4px 4px 4px rgb(1, 140,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 31.011, 207.525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 140, 150) }
```

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

```
.background{ background-color: rgb(1, 140,  
150) }
```

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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