

Converting Colors

CIELCh(54, 31.883, 205.357)

Have a look what the booklet for
CIELCh(54, 31.883, 205.357)
contains.

CIELCh(54, 31.565, 206.186)	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(54, 31.565, 206.186)

Conversions

Conversions Part 1

Format	Color
Hex	018F98
RGB	1, 143, 152
RGB Percent	0%, 56%, 60%
CMY	0.9974, 0.4385, 0.4032
CMYK	1.00, 0.06, 0.00, 0.40
HSL	184°, 99%, 30%
HSV	184°, 100%, 60%
XYZ	15.5388, 21.9746, 33.2038
YIQ	101.5680, -87.5210, -27.3050

Conversions

Conversions Part 2

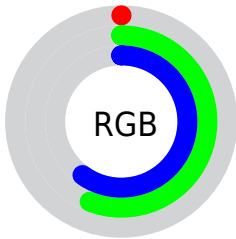
Format	Color
RYB	1, 74, 152
Decimal	102296
CIELab	54.00, -28.33, -13.93
CIELCh	54, 31.565, 206.186
Yxy	21.9746, 0.2197, 0.3107
Android (android.graphics.Color)	4278292376 (0xFF018F98)
YUV	101.5680, 24.8630, -88.1981
Hunter-Lab	46.8770, -22.8655, -9.1822

Details

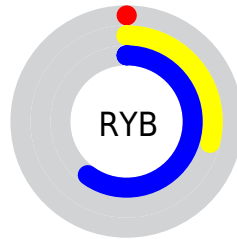
The CIELCh color **54, 31.565, 206.186** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **32, 69.595, 40.277**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 31.474, 206.176**, and **35, 22.919, 211.063** is the 20% darker color. If you saturate the color by 10%, you get **54, 31.585, 206.221**, and if you desaturate by 10%, it is **54, 31.064, 205.381**.

Distribution



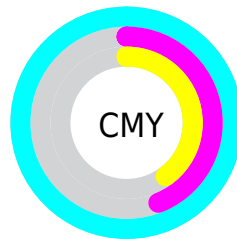
- Red (0%)
- Green (56%)
- Blue (60%)



- Red (0%)
- Yellow (29%)
- Blue (60%)



- Cyan (100%)
- Magenta (6%)
- Yellow (0%)
- Black (40%)




- Cyan (100%)
- Magenta (44%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 31.565, 206.186 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 54, 31.565, 206.186 by changing the saturation by 10% instead.


 54, 31.565,
206.186


 54, 31.565,
206.186


 100, 31.565,
206.186


 44, 31.565,
206.186


 74, 31.565,
206.186

 34, 31.565,
206.186

 84, 31.565,
206.186

 24, 31.565,
206.186

 94, 31.565,
206.186

 14, 31.565,
206.186

 4, 31.565, 206.186

 0, 31.565, 206.186

■ 54, 31.565,
206.186

■ 54, 31.565,
206.186

■ 54, 31.585,
206.221

■ 54, 31.064,
205.381

■ 55, 30.058,
204.730

■ 55, 28.369,
204.265

■ 56, 25.979,
203.970

■ 57, 22.910,
203.827

■ 58, 19.215,
203.816

■ 59, 14.968,
203.920

■ 60, 10.253,

204.124

■ 62, 5.155, 204.434

Harmonies

Complementary

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



54, 31.565, 206.186



32, 69.595, 40.277

Rectangle

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



54, 31.565, 206.186



54, 31.565, 256.186



54, 31.565, 26.186



54, 31.565, 76.186

Sweetspot

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



54, 31.564, 206.185



75, 18.820, 203.904



55, 80.367, 136.545



39, 12.611, 203.856



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



54, 31.564, 206.185



69, 38.457, 206.437



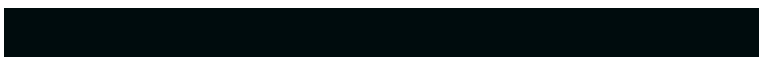
31, 53.092, 287.741



32, 3.064, 204.447



50, 29.772, 206.145



3, 3.369, 205.349

Inverse Universe

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



35, 75.008, 330.692



47, 91.464, 330.759



43, 56.662, 65.544



30, 5.704, 326.559



32, 70.770, 330.687



1, 6.102, 326.279

Previews

White Background



This preview shows how the CIELCh color 54, 31.565, 206.186 looks on a white background.

Color Contrast Check

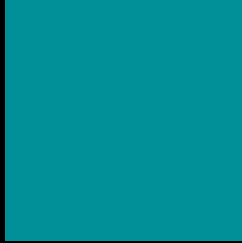
Large Text (above 18pt) WCAG AA ✓ Pass

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 54, 31.565, 206.186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

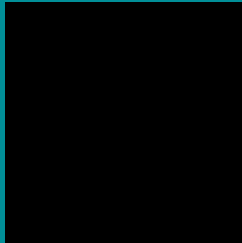
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 31.565, 206.186

Background



This preview shows how black text looks on a background with the CIELCh color 54, 31.565, 206.186.

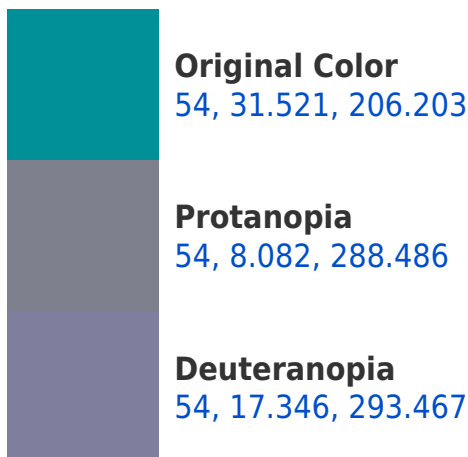


This preview shows how white text looks on a background with the CIELCh color 54, 31.565, 206.186.

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



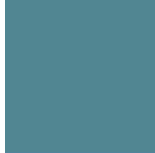


Tritanopia
54, 30.880, 208.700

Trichromacy



Original Color
54, 31.521, 206.203



Protanomaly
53, 18.647, 219.910



Deuteranomaly
53, 20.565, 238.951



Tritanomaly
54, 31.110, 207.476

Monochromacy



Original Color
54, 31.521, 206.203



Achromatopsia
43, 0.006, 296.813



Achromatomaly
46, 17.959, 203.250

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 31.565, 206.186 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, 143, 152)` looks like.

```
.text, #text, p{  
    color:rgb(1, 143, 152)  
}
```

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, 143, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 143, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 31.565, 206.186 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, 143, 152) }
```

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

```
.border{ border-color:rgb(1, 143, 152) }
```

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

Here you see how a box with a 4 pixel rgb(1, 143, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 143, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 143, 152);  
box-shadow:4px 4px 4px 4px rgb(1, 143,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 31.565, 206.186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 143, 152) }
```

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

```
.background{ background-color: rgb(1, 143,  
152) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor