

Converting Colors

CIELCh(54, 31.403, 218.439)

Have a look what the booklet for
CIELCh(54, 31.403, 218.439)
contains.

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Color

CIELCh(54, 31.342, 218.757)

Conversions

Conversions Part 1

Format	Color
Hex	008EA2
RGB	0, 142, 162
RGB Percent	0%, 56%, 64%
CMY	0.9990, 0.4429, 0.3645
CMYK	1.00, 0.12, 0.00, 0.36
HSL	187°, 100%, 32%
HSV	187°, 100%, 64%
XYZ	16.2106, 21.9746, 37.5958
YIQ	101.8220, -91.0520, -23.8840

Conversions

Conversions Part 2

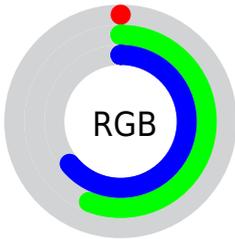
Format	Color
RYB	0, 76, 162
Decimal	36514
CIELab	54.00, -24.44, -19.62
CIELCh	54, 31.342, 218.757
Yxy	21.9746, 0.2139, 0.2900
Android (android.graphics.Color)	4278226594 (0xFF008EA2)
YUV	101.8220, 29.6678, -89.2979
Hunter-Lab	46.8770, -20.3074, -14.7372

Details

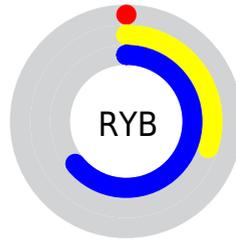
The CIELCh color **54, 31.342, 218.757** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **34, 72.251, 41.626**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 31.401, 218.860**, and **35, 23.434, 227.877** is the 20% darker color. If you saturate the color by 10%, you get **54, 31.348, 218.788**, and if you desaturate by 10%, it is **55, 30.874, 216.728**.

Distribution



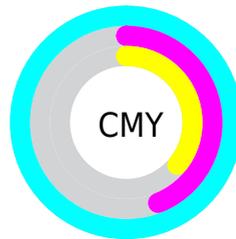
- Red (0%)
- Green (56%)
- Blue (64%)



- Red (0%)
- Yellow (30%)
- Blue (64%)



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (36%)



- Cyan (100%)
- Magenta (44%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 31.342, 218.757 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, 31.342, 218.757 by changing the saturation by 10% instead.

 54, 31.342,
218.757

 54, 31.342,
218.757

 100, 31.342,
218.757

 44, 31.342,
218.757

 74, 31.342,
218.757

 34, 31.342,
218.757

 84, 31.342,
218.757

 24, 31.342,
218.757

 94, 31.342,
218.757

 14, 31.342,
218.757

 4, 31.342, 218.757

 0, 31.342, 218.757

■ 54, 31.342,
218.757

■ 54, 31.342,
218.757

■ 54, 31.348,
218.788

■ 55, 30.874,
216.728

■ 56, 29.914,
215.022

■ 57, 28.273,
213.692

■ 58, 25.926,
212.689

■ 59, 22.895,
211.965

■ 60, 19.236,
211.474

■ 62, 15.025,
211.175

■ 63, 10.345,

211.037

■ 65, 5.282, 211.052

Harmonies

Complementary

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



54, 31.342, 218.757



34, 72.251, 41.626

Rectangle

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



54, 31.342, 218.757



54, 31.342, 268.757



54, 31.342, 38.757



54, 31.342, 88.757

Sweetspot

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



54, 31.341, 218.756



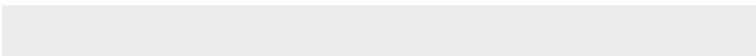
79, 18.717, 211.191



58, 82.789, 137.253



41, 12.666, 211.295



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



54, 31.341, 218.756



69, 38.188, 219.275



30, 63.336, 293.097



34, 3.057, 211.059



49, 28.962, 218.556



4, 4.752, 214.756

Inverse Universe

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



37, 74.780, 333.783



49, 91.064, 333.913



48, 58.790, 71.325



32, 5.757, 328.506



33, 69.128, 333.735



1, 8.694, 329.106

Previews

White Background



This preview shows how the CIE LCh color 54, 31.342, 218.757 looks on a white background.

Color Contrast Check

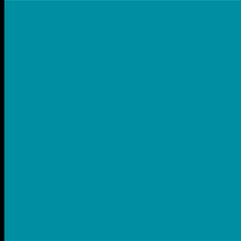
Large Text (above 18pt) WCAG AA ✓ Pass

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, 31.342, 218.757 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, 31.342, 218.757

Background



This preview shows how black text looks on a background with the CIELCh color 54, 31.342, 218.757.



This preview shows how white text looks on a background with the CIELCh color 54, 31.342, 218.757.

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



Original Color

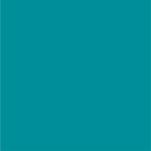
54, 31.342, 218.757

Protanopia

54, 14.456, 287.607

Deuteranopia

54, 23.120, 288.694



Tritanopia
54, 31.454, 208.432

Trichromacy



Original Color
54, 31.342, 218.757



Protanomaly
52, 21.252, 239.427



Deuteranomaly
53, 24.656, 249.699



Tritanomaly
54, 31.369, 211.823

Monochromacy



Original Color
54, 31.342, 218.757



Achromatopsia
43, 0.006, 296.813



Achromatomaly
46, 17.940, 211.126

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 31.342, 218.757 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(0, 142, 162)` looks like.

```
.text, #text, p{  
    color:rgb(0, 142, 162)  
}
```

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(0, 142, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 142, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 31.342, 218.757 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(0, 142, 162) }
```

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

```
.border{ border-color:rgb(0, 142, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 142, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 142, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 142, 162);  
box-shadow:4px 4px 4px 4px rgb(0, 142,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 31.342, 218.757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 142, 162) }
```

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

```
.background{ background-color: rgb(0, 142,  
162) }
```

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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