

Converting Colors

CIELCh(54, 29.462, 218.184)

Have a look what the booklet for
CIELCh(54, 29.462, 218.184)
contains.

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Color

CIELCh(54, 29.439, 219.160)

Conversions

Conversions Part 1

Format	Color
Hex	1F8DA0
RGB	31, 141, 160
RGB Percent	12%, 55%, 63%
CMY	0.8800, 0.4458, 0.3713
CMYK	0.81, 0.12, 0.00, 0.37
HSL	189°, 68%, 37%
HSV	189°, 81%, 63%
XYZ	16.4954, 21.9746, 36.7736
YIQ	110.2760, -71.6590, -17.4110

Conversions

Conversions Part 2

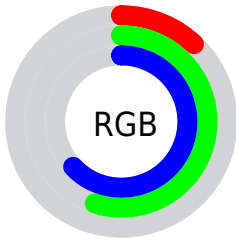
Format	Color
R_{YB}	31, 90, 160
Decimal	2067872
CIE _{Lab}	54.00, -22.83, -18.59
CIE _{LCh}	54, 29.439, 219.160
Yxy	21.9746, 0.2192, 0.2920
Android (android.graphics.Color)	4280257952 (0xFF1F8DA0)
YUV	110.2760, 24.5139, -69.5251
Hunter-Lab	46.8770, -19.2231, -13.6973

Details

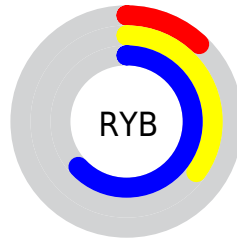
The CIELCh color **54, 29.439, 219.160** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **38, 57.954, 39.468**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 29.441, 219.332**, and **35, 23.134, 226.546** is the 20% darker color. If you saturate the color by 10%, you get **53, 30.367, 221.309**, and if you desaturate by 10%, it is **55, 27.865, 217.459**.

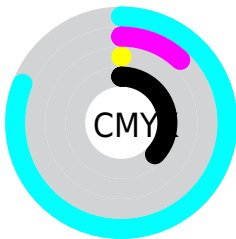
Distribution



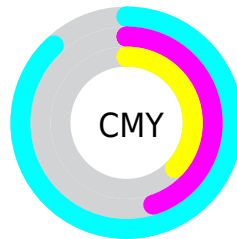
- Red (12%)
- Green (55%)
- Blue (63%)



- Red (12%)
- Yellow (35%)
- Blue (63%)



- Cyan (81%)
- Magenta (12%)
- Yellow (0%)
- Black (37%)





- Cyan (88%)
- Magenta (45%)
- Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 29.439, 219.160 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, 29.439, 219.160 by changing the saturation by 10% instead.


 54, 29.439,
219.160

 54, 29.439,
219.160


 100, 29.439,
219.160


 44, 29.439,
219.160


 74, 29.439,
219.160

 34, 29.439,
219.160

 84, 29.439,
219.160

 24, 29.439,
219.160

 94, 29.439,
219.160

 14, 29.439,
219.160

 4, 29.439, 219.160

 0, 29.439, 219.160

■ 54, 29.439,
219.160

■ 54, 29.439,
219.160

■ 53, 30.367,
221.309

■ 55, 27.865,
217.459

■ 52, 30.838,
223.569

■ 56, 25.615,
216.150

■ 58, 22.703,
215.174

■ 59, 19.179,
214.473

■ 61, 15.116,
213.999

■ 62, 10.593,
213.711

■ 64, 5.693, 213.592

■ 66, 0.492, 214.418

Harmonies

Complementary

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



54, 29.439, 219.160



38, 57.954, 39.468

Rectangle

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



54, 29.439, 219.160



54, 29.439, 269.160



54, 29.439, 39.160



54, 29.439, 89.160

Sweetspot

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



54, 29.438, 219.159



79, 14.912, 213.794



58, 73.011, 139.932



41, 10.104, 213.891



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



54, 29.438, 219.159



67, 37.416, 223.349



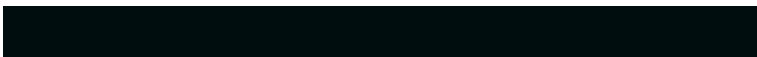
35, 51.384, 287.204



33, 2.927, 213.592



47, 28.343, 223.265



3, 3.850, 216.489

Inverse Universe

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



39, 68.764, 333.689



48, 88.377, 334.917



51, 50.996, 76.979



31, 5.517, 329.240



32, 67.076, 334.910



1, 7.039, 329.624

Previews

White Background



This preview shows how the CIELCh color 54, 29.439, 219.160 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, 29.439, 219.160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

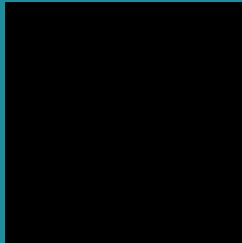
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 29.439, 219.160

Background



This preview shows how black text looks on a background with the CIELCh color 54, 29.439, 219.160.

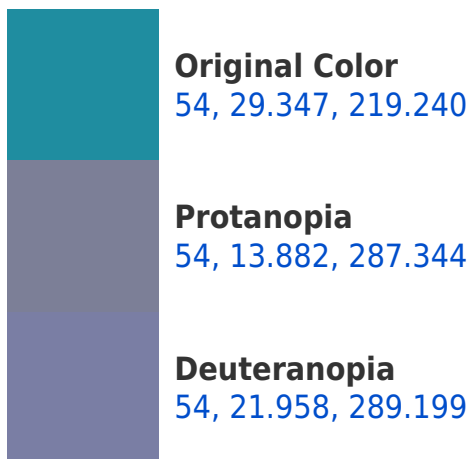



This preview shows how white text looks on a background with the CIELCh color 54, 29.439, 219.160.

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, 30.038, 210.279

Trichromacy



Original Color
54, 29.347, 219.240

Protanomaly
53, 18.428, 242.464

Deuteranomaly
53, 22.015, 253.624

Tritanomaly
54, 29.779, 212.787

Monochromacy



Original Color
54, 29.347, 219.240

Achromatopsia
46, 0.006, 296.813

Achromatomaly
48, 14.607, 214.527

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 29.439, 219.160 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(31, 141, 160)` looks like.

```
.text, #text, p{  
    color:rgb(31, 141, 160)  
}
```

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(31, 141, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 141, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 29.439, 219.160 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(31, 141, 160) }
```

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

```
.border{ border-color:rgb(31, 141, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 141, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 141, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 141, 160);  
box-shadow:4px 4px 4px 4px rgb(31, 141,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 29.439, 219.160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 141, 160) }
```

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

```
.background{ background-color: rgb(31, 141,  
160) }
```

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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