

Converting Colors

CIELCh(54, 28.831, 168.626)

Have a look what the booklet for
CIELCh(54, 28.831, 168.626)
contains.

CIELCh(54, 29.018, 168.121)	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, 29.018, 168.121)

Conversions

Conversions Part 1

Format	Color
Hex	478E76
RGB	71, 142, 118
RGB Percent	28%, 56%, 46%
CMY	0.7218, 0.4433, 0.5374
CMYK	0.50, 0.00, 0.17, 0.44
HSL	160°, 33%, 42%
HSV	160°, 50%, 56%
XYZ	15.5267, 21.9746, 20.5469
YIQ	118.0350, -34.6120, -22.5160

Conversions

Conversions Part 2

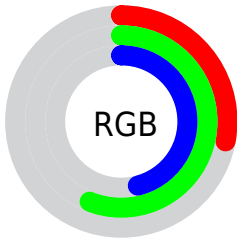
Format	Color
R_{YB}	71, 114, 142
Decimal	4689526
CIE Lab	54.00, -28.40, 5.97
CIE LCh	54, 29.018, 168.121
Yxy	21.9746, 0.2675, 0.3786
Android (android.graphics.Color)	4282879606 (0xFF478E76)
YUV	118.0350, -0.0173, -41.2497
Hunter-Lab	46.8770, -22.9117, 6.8262

Details

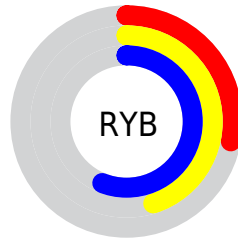
The CIELCh color **54, 29.018, 168.121** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **40, 32.846, 359.625**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 29.018, 168.145**, and **34, 28.829, 168.483** is the 20% darker color. If you saturate the color by 10%, you get **53, 33.820, 166.726**, and if you desaturate by 10%, it is **55, 23.757, 169.376**.

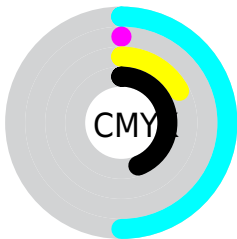
Distribution



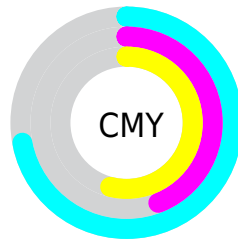
- Red (28%)
- Green (56%)
- Blue (46%)



- Red (28%)
- Yellow (45%)
- Blue (56%)



- Cyan (50%)
- Magenta (0%)
- Yellow (17%)
- Black (44%)





- Cyan (72%)
- Magenta (44%)
- Yellow (54%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 29.018, 168.121 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, 29.018, 168.121 by changing the saturation by 10% instead.


 54, 29.018,
168.121


 54, 29.018,
168.121


 100, 29.018,
168.121


 44, 29.018,
168.121


 74, 29.018,
168.121

 34, 29.018,
168.121

 84, 29.018,
168.121

 24, 29.018,
168.121

 94, 29.018,
168.121

 14, 29.018,
168.121

 4, 29.018, 168.121

 0, 29.018, 168.121

■ 54, 29.018,
168.121

■ 54, 29.018,
168.121

■ 53, 33.820,
166.726

■ 55, 23.757,
169.376

■ 53, 38.082,
165.169

■ 56, 18.131,
170.516

■ 52, 41.752,
163.431

■ 57, 12.238,
171.563

■ 52, 44.822,
161.498

■ 58, 6.170, 172.548

■ 52, 47.472,
159.484

■ 59, 0.010, 213.620

■ 60, 6.181, 354.150

■ 62, 12.342,
354.962

■ 63, 18.435,
355.713

■ 65, 24.428,
356.422

Harmonies

Complementary

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



54, 29.018, 168.121



40, 32.846, 359.625

Rectangle

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



54, 29.018, 168.121



54, 29.018, 218.121



54, 29.018, 348.121



54, 29.018, 38.121

Sweetspot

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



54, 29.019, 168.120



72, 11.358, 172.031



54, 43.899, 131.783



37, 7.710, 171.849



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



54, 29.019, 168.120



68, 41.541, 166.543



51, 20.301, 215.546



30, 3.495, 172.629



50, 45.724, 159.594



2, 2.376, 173.390

Inverse Universe

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



40, 32.846, 359.625



47, 48.075, 1.992



41, 29.495, 35.551



28, 3.575, 354.154



28, 53.515, 16.026



0, 2.376, 353.377

Previews

White Background



This preview shows how the CIELCh color 54, 29.018, 168.121 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, 29.018, 168.121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

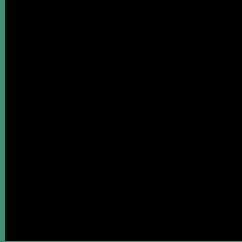
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 29.018, 168.121

Background



This preview shows how black text looks on a background with the CIELCh color 54, 29.018, 168.121.



This preview shows how white text looks on a background with the CIELCh color 54, 29.018, 168.121.

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, 29.018, 168.121

Protanopia
54, 10.191, 92.191

Deuteranopia
54, 7.900, 28.523



Tritanopia
54, 19.797, 216.567

Trichromacy



Original Color
54, 29.018, 168.121

Protanomaly
53, 13.885, 146.169

Deuteranomaly
53, 8.067, 153.027

Tritanomaly
54, 21.023, 195.793

Monochromacy



Original Color
54, 29.018, 168.121

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 11.486, 171.003

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 29.018, 168.121 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(71, 142, 118)` looks like.

```
.text, #text, p{  
    color:rgb(71, 142, 118)  
}
```

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(71, 142, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 142, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 29.018, 168.121 is called "border". The border property can be set on classes, ids or directly on the HTML element.

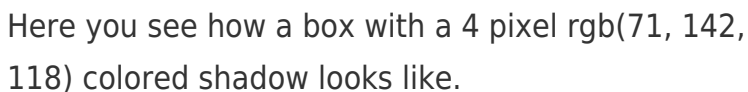
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(71, 142, 118) }
```

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

```
.border{ border-color:rgb(71, 142, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(71, 142, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 142, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 142, 118);  
box-shadow:4px 4px 4px 4px rgb(71, 142,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 29.018, 168.121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 142, 118) }
```

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

```
.background{ background-color: rgb(71, 142,  
118) }
```

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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