

Converting Colors

CIELCh(51, 47.140, 222.290)

Have a look what the booklet for
CIELCh(51, 47.140, 222.290)
contains.

CIELCh(54, 33.214, 236.635)	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, 33.214, 236.635)

Conversions

Conversions Part 1

Format	Color
Hex	058CB0
RGB	5, 140, 176
RGB Percent	2%, 55%, 69%
CMY	0.9807, 0.4504, 0.3090
CMYK	0.97, 0.20, 0.00, 0.31
HSL	193°, 95%, 36%
HSV	193°, 97%, 69%
XYZ	17.3178, 21.9746, 44.5072
YIQ	103.7390, -92.0160, -17.4240

Conversions

Conversions Part 2

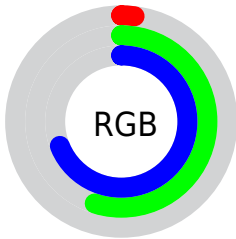
Format	Color
RYB	5, 80, 176
Decimal	363696
CIELab	54.00, -18.27, -27.74
CIELCh	54, 33.214, 236.635
Yxy	21.9746, 0.2067, 0.2622
Android (android.graphics.Color)	4278553776 (0xFF058CB0)
YUV	103.7390, 35.6247, -86.5941
Hunter-Lab	46.8770, -16.0916, -23.4787

Details

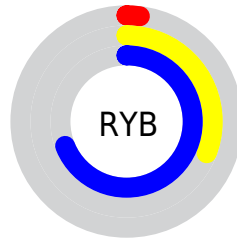
The CIELCh color **54, 33.214, 236.635** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **39, 72.863, 43.674**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 33.189, 236.533**, and **35, 26.952, 248.118** is the 20% darker color. If you saturate the color by 10%, you get **54, 33.478, 237.686**, and if you desaturate by 10%, it is **55, 32.212, 232.965**.

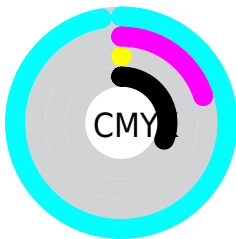
Distribution



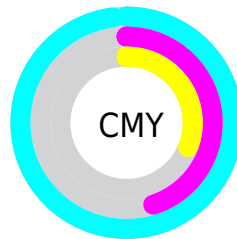
- Red (2%)
- Green (55%)
- Blue (69%)



- Red (2%)
- Yellow (31%)
- Blue (69%)



- Cyan (97%)
- Magenta (20%)
- Yellow (0%)
- Black (31%)





- Cyan (98%)
- Magenta (45%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 33.214, 236.635 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, 33.214, 236.635 by changing the saturation by 10% instead.


 54, 33.214,
236.635


 54, 33.214,
236.635


 100, 33.214,
236.635


 44, 33.214,
236.635


 74, 33.214,
236.635


 34, 33.214,
236.635

 84, 33.214,
236.635

 24, 33.214,
236.635

 94, 33.214,
236.635

 14, 33.214,
236.635

 4, 33.214, 236.635

 0, 33.214, 236.635

■ 54, 33.214,
236.635

■ 54, 33.214,
236.635

■ 54, 33.478,
237.686

■ 55, 32.212,
232.965

■ 57, 30.720,
229.902

■ 58, 28.614,
227.439

■ 60, 25.859,
225.501

■ 62, 22.476,
224.003

■ 64, 18.516,
222.866

■ 66, 14.054,
222.022

■ 68, 9.170, 221.418

Harmonies

Complementary

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



54, 33.214, 236.635



39, 72.863, 43.674

Rectangle

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



54, 33.214, 236.635



54, 33.214, 286.635



54, 33.214, 56.635



54, 33.214, 106.635

Sweetspot

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



54, 33.213, 236.635



83, 18.423, 222.194



63, 84.094, 138.997



43, 12.436, 222.538



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



54, 33.213, 236.635



69, 40.888, 238.478



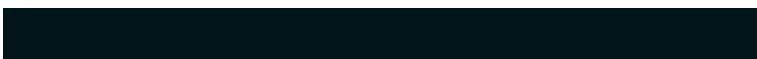
29, 75.430, 297.384



37, 3.114, 221.101



47, 30.127, 237.183



5, 7.492, 230.890

Inverse Universe

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



40, 74.194, 338.445



52, 90.485, 338.983



56, 62.043, 79.454



35, 5.832, 331.444



34, 67.216, 338.612



2, 13.197, 334.101

Previews

White Background



This preview shows how the CIELCh color 54, 33.214, 236.635 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, 33.214, 236.635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

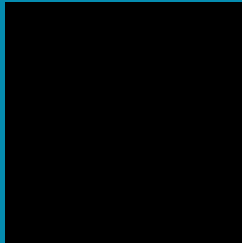
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 33.214, 236.635

Background



This preview shows how black text looks on a background with the CIELCh color 54, 33.214, 236.635.

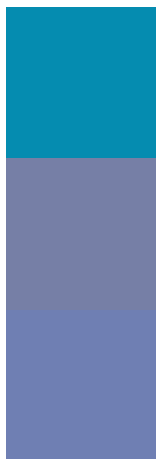


This preview shows how white text looks on a background with the CIELCh color 54, 33.214, 236.635.

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, 33.181, 236.627

Protanopia

54, 22.627, 285.076

Deuteranopia

54, 30.232, 284.006



Tritanopia
54, 31.454, 208.432

Trichromacy



Original Color
54, 33.181, 236.627



Protanomaly
53, 26.632, 254.771



Deuteranomaly
53, 30.627, 259.664



Tritanomaly
54, 31.263, 218.821

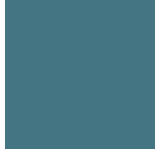
Monochromacy



Original Color
54, 33.181, 236.627



Achromatopsia
44, 0.006, 296.813



Achromatomaly
46, 17.777, 223.794

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 33.214, 236.635 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(5, 140, 176)` looks like.

```
.text, #text, p{  
    color:rgb(5, 140, 176)  
}
```

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(5, 140, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 140, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 33.214, 236.635 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(5, 140, 176) }
```

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

```
.border{ border-color:rgb(5, 140, 176) }
```

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

Here you see how a box with a 4 pixel rgb(5, 140, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 140, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 140, 176);  
box-shadow:4px 4px 4px 4px rgb(5, 140,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 33.214, 236.635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 140, 176) }
```

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

```
.background{ background-color: rgb(5, 140,  
176) }
```

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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