

Converting Colors

CIELCh(54, 33.346, 240.179)

Have a look what the booklet for
CIELCh(54, 33.346, 240.179)
contains.

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Color

CIELCh(54, 33.215, 239.291)

Conversions

Conversions Part 1

Format	Color
Hex	118CB2
RGB	17, 140, 178
RGB Percent	7%, 55%, 70%
CMY	0.9335, 0.4523, 0.3034
CMYK	0.90, 0.21, 0.00, 0.30
HSL	194°, 83%, 38%
HSV	194°, 90%, 70%
XYZ	17.5580, 21.9746, 45.2467
YIQ	107.5550, -85.5060, -14.2580

Conversions

Conversions Part 2

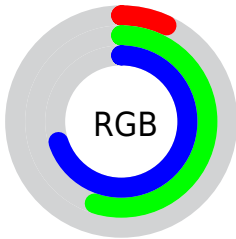
Format	Color
R _Y B	17, 87, 178
Decimal	1150130
CIE Lab	54.00, -16.96, -28.56
CIE LCh	54, 33.215, 239.291
Yxy	21.9746, 0.2071, 0.2592
Android (android.graphics.Color)	4279340210 (0xFF118CB2)
YUV	107.5550, 34.7294, -79.4167
Hunter-Lab	46.8770, -15.1769, -24.4140

Details

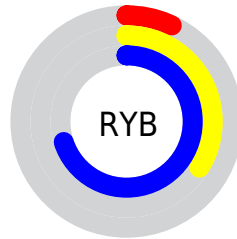
The CIELCh color **54, 33.215, 239.291** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **42, 67.901, 44.784**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 33.252, 238.947**, and **36, 27.676, 250.488** is the 20% darker color. If you saturate the color by 10%, you get **53, 34.375, 243.258**, and if you desaturate by 10%, it is **56, 31.686, 235.636**.

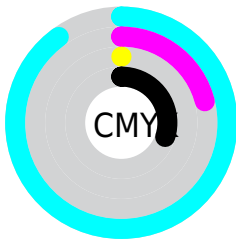
Distribution



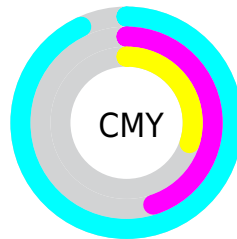
- Red (7%)
- Green (55%)
- Blue (70%)



- Red (7%)
- Yellow (34%)
- Blue (70%)



- Cyan (90%)
- Magenta (21%)
- Yellow (0%)
- Black (30%)





- Cyan (93%)
- Magenta (45%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 33.215, 239.291 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, 33.215, 239.291 by changing the saturation by 10% instead.


 54, 33.215,
239.291


 54, 33.215,
239.291


 100, 33.215,
239.291


 44, 33.215,
239.291


 74, 33.215,
239.291


 34, 33.215,
239.291


 84, 33.215,
239.291

 24, 33.215,
239.291

 94, 33.215,
239.291

 14, 33.215,
239.291

 4, 33.215, 239.291

 0, 33.215, 239.291

■ 54, 33.215,
239.291

■ 54, 33.215,
239.291

■ 53, 34.375,
243.258

■ 56, 31.686,
235.636

■ 57, 29.622,
232.641

■ 59, 26.960,
230.243

■ 61, 23.693,
228.356

■ 63, 19.861,
226.893

■ 65, 15.526,
225.775

■ 67, 10.763,
224.937

■ 70, 5.647, 224.343

Harmonies

Complementary

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



54, 33.215, 239.291



42, 67.901, 44.784

Rectangle

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



54, 33.215, 239.291



54, 33.215, 289.291



54, 33.215, 59.291



54, 33.215, 109.291

Sweetspot

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



54, 33.214, 239.291



84, 17.280, 225.499



63, 79.775, 140.943



44, 11.605, 225.813



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



54, 33.214, 239.291



68, 42.149, 244.126



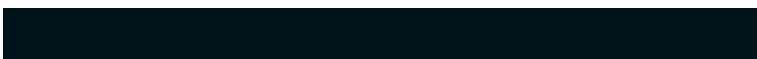
31, 73.807, 296.901



37, 3.081, 224.293



46, 30.713, 242.677



5, 7.480, 234.920

Inverse Universe

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



41, 72.566, 339.181



52, 89.518, 340.683



59, 61.277, 83.777



35, 5.725, 332.393



34, 65.979, 340.233



2, 12.891, 335.427

Previews

White Background



This preview shows how the CIE LCh color 54, 33.215, 239.291 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, 33.215, 239.291 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

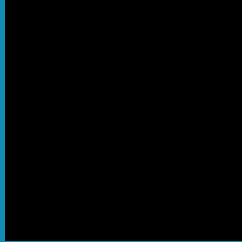
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 33.215, 239.291

Background



This preview shows how black text looks on a background with the CIELCh color 54, 33.215, 239.291.

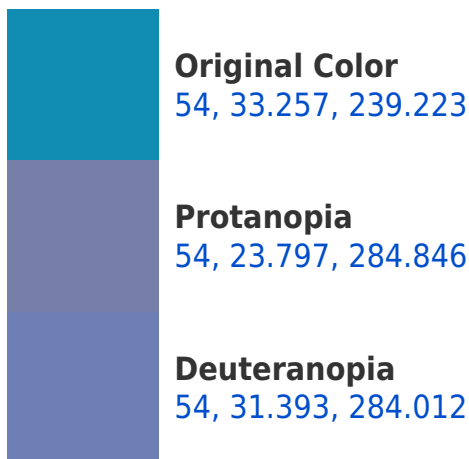


This preview shows how white text looks on a background with the CIELCh color 54, 33.215, 239.291.

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, 31.454, 208.432

Trichromacy



Original Color
54, 33.257, 239.223



Protanomaly
53, 26.975, 258.323



Deuteranomaly
53, 31.120, 262.577



Tritanomaly
54, 31.170, 220.087

Monochromacy



Original Color
54, 33.257, 239.223



Achromatopsia
45, 0.006, 296.813



Achromatomaly
47, 16.989, 227.401

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 33.215, 239.291 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(17, 140, 178)` looks like.

```
.text, #text, p{  
    color:rgb(17, 140, 178)  
}
```

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(17, 140, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(17, 140, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 33.215, 239.291 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(17, 140, 178) }
```

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

```
.border{ border-color:rgb(17, 140, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(17, 140, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(17, 140, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(17, 140, 178); box-shadow:4px 4px 4px 4px rgb(17, 140, 178) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 33.215, 239.291 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(17, 140, 178) }
```

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

```
.background{ background-color: rgb(17, 140,  
178) }
```

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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