

Converting Colors

CIELCh(54, 32.819, 234.327)

Have a look what the booklet for
CIELCh(54, 32.819, 234.327)
contains.

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Color

CIELCh(54, 32.779, 234.555)

Conversions

Conversions Part 1

Format	Color
Hex	068CAE
RGB	6, 140, 174
RGB Percent	2%, 55%, 68%
CMY	0.9779, 0.4495, 0.3161
CMYK	0.97, 0.20, 0.00, 0.32
HSL	192°, 94%, 35%
HSV	192°, 97%, 68%
XYZ	17.1820, 21.9746, 43.5821
YIQ	103.8100, -90.7780, -17.8340

Conversions

Conversions Part 2

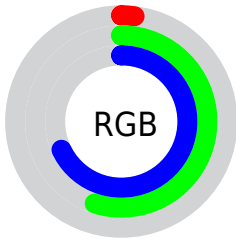
Format	Color
R_{YB}	6, 81, 174
Decimal	429230
CIE _{Lab}	54.00, -19.01, -26.70
CIE _{LCh}	54, 32.779, 234.555
Yxy	21.9746, 0.2077, 0.2656
Android (android.graphics.Color)	4278619310 (0xFF068CAE)
YUV	103.8100, 34.6037, -85.7794
Hunter-Lab	46.8770, -16.6085, -22.3086

Details

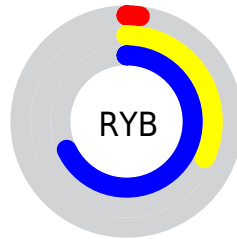
The CIELCh color **54, 32.779, 234.555** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **39, 72.277, 43.334**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 32.724, 234.728**, and **35, 26.271, 245.626** is the 20% darker color. If you saturate the color by 10%, you get **54, 33.055, 235.720**, and if you desaturate by 10%, it is **55, 31.842, 231.061**.

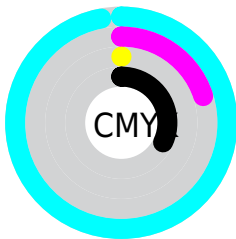
Distribution



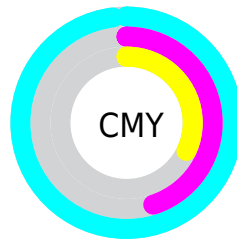
- Red (2%)
- Green (55%)
- Blue (68%)



- Red (2%)
- Yellow (32%)
- Blue (68%)



- Cyan (97%)
- Magenta (20%)
- Yellow (0%)
- Black (32%)





- Cyan (98%)
- Magenta (45%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 32.779, 234.555 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, 32.779, 234.555 by changing the saturation by 10% instead.


 54, 32.779,
234.555


 54, 32.779,
234.555


 100, 32.779,
234.555


 44, 32.779,
234.555


 74, 32.779,
234.555

 34, 32.779,
234.555

 84, 32.779,
234.555

 24, 32.779,
234.555

 94, 32.779,
234.555

 14, 32.779,
234.555

 4, 32.779, 234.555

 0, 32.779, 234.555

■ 54, 32.779,
234.555

■ 54, 32.779,
234.555

■ 54, 33.055,
235.720

■ 55, 31.842,
231.061

■ 57, 30.388,
228.167

■ 58, 28.305,
225.851

■ 60, 25.566,
224.037

■ 62, 22.192,
222.643

■ 63, 18.242,
221.593

■ 65, 13.788,
220.823

■ 67, 8.912, 220.281

Harmonies

Complementary

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



54, 32.779, 234.555



39, 72.277, 43.334

Rectangle

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



54, 32.779, 234.555



54, 32.779, 284.555



54, 32.779, 54.555



54, 32.779, 104.555

Sweetspot

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



54, 32.778, 234.555



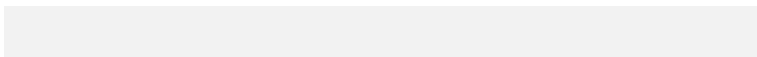
82, 18.325, 221.009



62, 83.239, 139.072



43, 12.479, 221.329



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, 32.778, 234.555



69, 40.320, 236.486



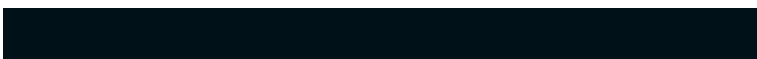
29, 74.439, 297.222



36, 3.054, 220.019



47, 29.616, 235.207



5, 6.424, 228.408

Inverse Universe

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



40, 74.066, 337.861



51, 90.334, 338.415



55, 61.452, 79.564



34, 5.730, 331.123



34, 66.841, 338.056



2, 11.419, 333.268

Previews

White Background



This preview shows how the CIE LCh color 54, 32.779, 234.555 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, 32.779, 234.555 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

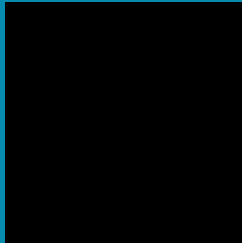
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 32.779, 234.555

Background



This preview shows how black text looks on a background with the CIELCh color 54, 32.779, 234.555.

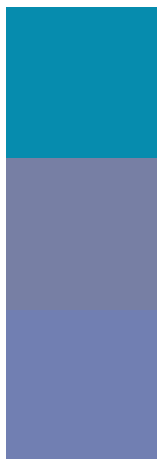


This preview shows how white text looks on a background with the CIELCh color 54, 32.779, 234.555.

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, 32.715, 234.645

Protanopia

54, 21.456, 285.362

Deuteranopia

54, 29.591, 284.896



Tritanopia
54, 31.454, 208.432

Trichromacy



Original Color
54, 32.715, 234.645



Protanomaly
53, 25.683, 253.267



Deuteranomaly
53, 29.976, 259.602



Tritanomaly
54, 31.212, 217.685

Monochromacy



Original Color
54, 32.715, 234.645



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, 32.779, 234.555 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(6, 140, 174)` looks like.

```
.text, #text, p{  
    color:rgb(6, 140, 174)  
}
```

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(6, 140, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 140, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 32.779, 234.555 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(6, 140, 174) }
```

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

```
.border{ border-color:rgb(6, 140, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(6, 140, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 140, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(6, 140, 174);  
box-shadow:4px 4px 4px 4px rgb(6, 140,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 32.779, 234.555 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 140, 174) }
```

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

```
.background{ background-color: rgb(6, 140,  
174) }
```

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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