

Converting Colors

CIELCh(54, 33.178, 241.818)

Have a look what the booklet for
CIELCh(54, 33.178, 241.818)
contains.

CIELCh(54, 33.234, 242.152)	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, 33.234, 242.152)

Conversions

Conversions Part 1

Format	Color
Hex	1A8BB3
RGB	26, 139, 179
RGB Percent	10%, 55%, 70%
CMY	0.8971, 0.4545, 0.2976
CMYK	0.85, 0.22, 0.00, 0.30
HSL	196°, 74%, 40%
HSV	196°, 85%, 70%
XYZ	17.8252, 21.9746, 46.0038
YIQ	109.7730, -80.1880, -11.5160

Conversions

Conversions Part 2

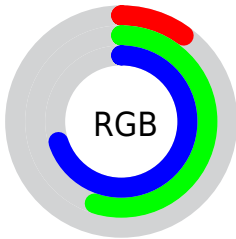
Format	Color
R_{YB}	26, 91, 179
Decimal	1739699
CIE _{Lab}	54.00, -15.52, -29.39
CIE _{LCh}	54, 33.234, 242.152
Yxy	21.9746, 0.2077, 0.2561
Android (android.graphics.Color)	4279929779 (0xFF1A8BB3)
YUV	109.7730, 34.1289, -73.4689
Hunter-Lab	46.8770, -14.1592, -25.3716

Details

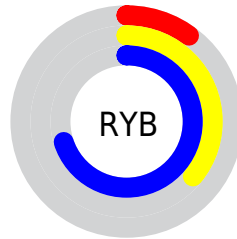
The CIELCh color **54, 33.234, 242.152** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **44, 63.564, 46.147**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 33.213, 241.660**, and **35, 28.359, 253.129** is the 20% darker color. If you saturate the color by 10%, you get **52, 34.835, 246.452**, and if you desaturate by 10%, it is **56, 31.217, 238.526**.

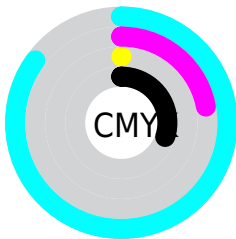
Distribution



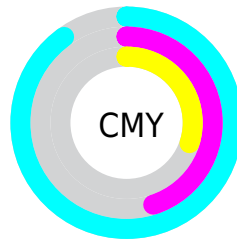
- Red (10%)
- Green (55%)
- Blue (70%)



- Red (10%)
- Yellow (36%)
- Blue (70%)



- Cyan (85%)
- Magenta (22%)
- Yellow (0%)
- Black (30%)





- Cyan (90%)
- Magenta (45%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 33.234, 242.152 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, 33.234, 242.152 by changing the saturation by 10% instead.


 54, 33.234,
242.152


 54, 33.234,
242.152


 100, 33.234,
242.152


 44, 33.234,
242.152


 74, 33.234,
242.152

 34, 33.234,
242.152

 84, 33.234,
242.152

 24, 33.234,
242.152

 94, 33.234,
242.152

 14, 33.234,
242.152

 4, 33.234, 242.152

 0, 33.234, 242.152

■ 54, 33.234,
242.152

■ 54, 33.234,
242.152

■ 52, 34.835,
246.452

■ 56, 31.217,
238.526

■ 52, 35.554,
248.525

■ 58, 28.679,
235.561

■ 60, 25.577,
233.184

■ 62, 21.923,
231.306

■ 64, 17.763,
229.841

■ 67, 13.163,
228.710

■ 69, 8.193, 227.854

■ 72, 2.923, 227.290

Harmonies

Complementary

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



54, 33.234, 242.152



44, 63.564, 46.147

Rectangle

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



54, 33.234, 242.152



54, 33.234, 292.152



54, 33.234, 62.152



54, 33.234, 112.152

Sweetspot

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



54, 33.233, 242.152



84, 16.608, 228.819



64, 76.553, 142.325



44, 11.228, 229.182



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, 33.233, 242.152



66, 43.396, 249.415



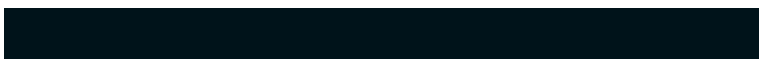
32, 71.435, 296.108



36, 3.058, 227.465



44, 31.532, 247.874



5, 7.502, 238.739

Inverse Universe

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



42, 70.707, 340.009



52, 87.933, 342.418



61, 60.256, 86.043



35, 5.623, 333.355



34, 64.832, 341.896



2, 12.607, 336.745

Previews

White Background



This preview shows how the CIELCh color 54, 33.234, 242.152 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 CIE LCh color 54, 33.234, 242.152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

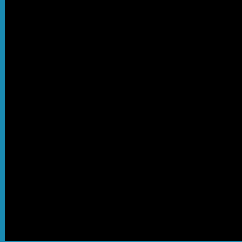
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 33.234, 242.152

Background



This preview shows how black text looks on a background with the CIELCh color 54, 33.234, 242.152.

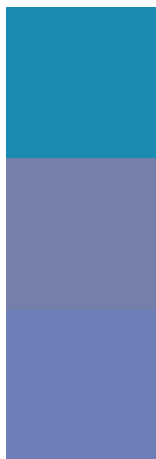


This preview shows how white text looks on a background with the CIELCh color 54, 33.234, 242.152.

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, 33.234, 242.152

Protanopia

54, 24.966, 284.664

Deuteranopia

54, 31.994, 283.759



Tritanopia
54, 31.454, 208.432

Trichromacy



Original Color
54, 33.234, 242.152

Protanomaly
53, 27.531, 261.427

Deuteranomaly
53, 31.695, 265.521

Tritanomaly
54, 31.014, 220.221

Monochromacy



Original Color
54, 33.234, 242.152

Achromatopsia
46, 0.006, 296.813

Achromatomaly
48, 15.992, 229.417

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 33.234, 242.152 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(26, 139, 179)` looks like.

```
.text, #text, p{  
    color:rgb(26, 139, 179)  
}
```

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(26, 139, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 139, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 33.234, 242.152 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(26, 139, 179) }
```

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

```
.border{ border-color:rgb(26, 139, 179) }
```

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

Here you see how a box with a 4 pixel rgb(26, 139, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 139, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 139, 179);  
box-shadow:4px 4px 4px 4px rgb(26, 139,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 33.234, 242.152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 139, 179) }
```

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

```
.background{ background-color: rgb(26, 139,  
179) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor