

Converting Colors

CIELCh(54, 32.706, 236.195)

Have a look what the booklet for
CIELCh(54, 32.706, 236.195)
contains.

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Color

CIELCh(54, 32.665, 236.048)

Conversions

Conversions Part 1

Format	Color
Hex	0E8CAF
RGB	14, 140, 175
RGB Percent	5%, 55%, 69%
CMY	0.9439, 0.4506, 0.3134
CMYK	0.92, 0.20, 0.00, 0.31
HSL	193°, 85%, 37%
HSV	193°, 92%, 69%
XYZ	17.3221, 21.9746, 43.9304
YIQ	106.3160, -86.3310, -15.8270

Conversions

Conversions Part 2

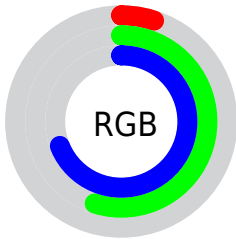
Format	Color
R_{YB}	14, 85, 175
Decimal	953519
CIE _{Lab}	54.00, -18.24, -27.10
CIE _{LCh}	54, 32.665, 236.048
Yxy	21.9746, 0.2081, 0.2640
Android (android.graphics.Color)	4279143599 (0xFF0E8CAF)
YUV	106.3160, 33.8612, -80.9611
Hunter-Lab	46.8770, -16.0753, -22.7492

Details

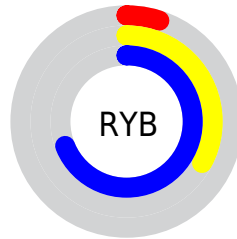
The CIELCh color **54, 32.665, 236.048** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **40, 68.712, 43.910**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 32.653, 236.062**, and **35, 26.606, 246.888** is the 20% darker color. If you saturate the color by 10%, you get **53, 33.479, 239.226**, and if you desaturate by 10%, it is **55, 31.375, 232.581**.

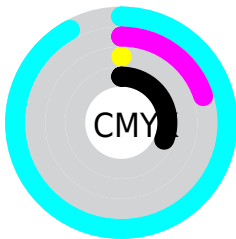
Distribution



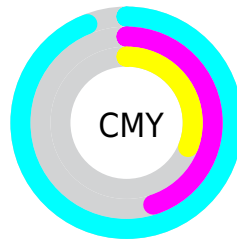
- Red (5%)
- Green (55%)
- Blue (69%)



- Red (5%)
- Yellow (33%)
- Blue (69%)



- Cyan (92%)
- Magenta (20%)
- Yellow (0%)
- Black (31%)





- Cyan (94%)
- Magenta (45%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 32.665, 236.048 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, 32.665, 236.048 by changing the saturation by 10% instead.

 54, 32.665,
236.048

 54, 32.665,
236.048


 100, 32.665,
236.048

 44, 32.665,
236.048


 74, 32.665,
236.048

 34, 32.665,
236.048

 84, 32.665,
236.048

 24, 32.665,
236.048

 94, 32.665,
236.048

 14, 32.665,
236.048

 4, 32.665, 236.048

 0, 32.665, 236.048

■ 54, 32.665,
236.048

■ 54, 32.665,
236.048

■ 53, 33.479,
239.226

■ 55, 31.375,
232.581

■ 57, 29.527,
229.753

■ 59, 27.056,
227.499

■ 60, 23.957,
225.736

■ 62, 20.266,
224.381

■ 64, 16.049,
223.358

■ 66, 11.382,
222.603

■ 69, 6.342, 222.078

Harmonies

Complementary

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



54, 32.665, 236.048



40, 68.712, 43.910

Rectangle

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



54, 32.665, 236.048



54, 32.665, 286.048



54, 32.665, 56.048



54, 32.665, 106.048

Sweetspot

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



54, 32.664, 236.048



82, 17.644, 223.078



63, 80.418, 140.269



43, 12.094, 223.438



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, 32.664, 236.048



67, 40.754, 240.031



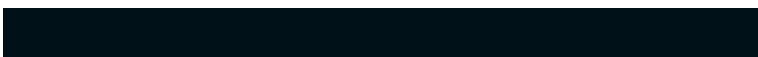
30, 72.355, 296.471



36, 3.031, 221.984



46, 29.888, 238.664



4, 6.401, 230.852

Inverse Universe

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



40, 72.918, 338.254



51, 89.256, 339.437



57, 60.656, 82.084



34, 5.664, 331.703



34, 66.062, 339.037



2, 11.256, 334.050

Previews

White Background



This preview shows how the CIE LCh color 54, 32.665, 236.048 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, 32.665, 236.048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

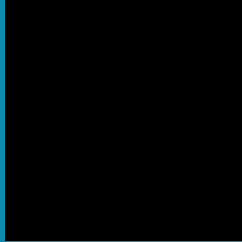
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 32.665, 236.048

Background



This preview shows how black text looks on a background with the CIELCh color 54, 32.665, 236.048.

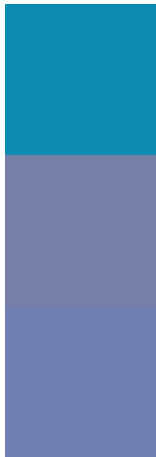


This preview shows how white text looks on a background with the CIELCh color 54, 32.665, 236.048.

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, 32.665, 236.048

Protanopia

54, 22.060, 284.779

Deuteranopia

54, 29.630, 284.305



Tritanopia
54, 31.454, 208.432

Trichromacy



Original Color
54, 32.665, 236.048

Protanomaly
53, 25.821, 255.138

Deuteranomaly
53, 29.762, 260.351

Tritanomaly
54, 31.145, 218.918

Monochromacy



Original Color
54, 32.665, 236.048

Achromatopsia
45, 0.006, 296.813

Achromatomaly
47, 16.798, 225.473

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 32.665, 236.048 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(14, 140, 175)` looks like.

```
.text, #text, p{  
    color:rgb(14, 140, 175)  
}
```

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(14, 140, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 140, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 32.665, 236.048 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(14, 140, 175) }
```

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

```
.border{ border-color:rgb(14, 140, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 140, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 140, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 140, 175);  
box-shadow:4px 4px 4px 4px rgb(14, 140,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 32.665, 236.048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 140, 175) }
```

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

```
.background{ background-color: rgb(14, 140,  
175) }
```

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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