

Converting Colors

CIELCh(54, 34.686, 242.074)

Have a look what the booklet for
CIELCh(54, 34.686, 242.074)
contains.

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Color

CIELCh(54, 34.534, 241.275)

Conversions

Conversions Part 1

Format	Color
Hex	008CB5
RGB	0, 140, 181
RGB Percent	0%, 55%, 71%
CMY	1.0000, 0.4523, 0.2916
CMYK	1.00, 0.23, 0.00, 0.29
HSL	194°, 100%, 35%
HSV	194°, 100%, 71%
XYZ	17.6256, 21.9746, 46.8354
YIQ	102.8140, -96.6010, -16.9290

Conversions

Conversions Part 2

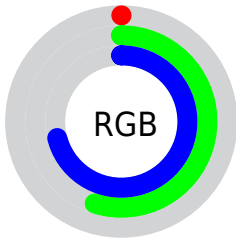
Format	Color
RYB	0, 79, 181
Decimal	36021
CIELab	54.00, -16.60, -30.28
CIELCh	54, 34.534, 241.275
Yxy	21.9746, 0.2039, 0.2542
Android (android.graphics.Color)	4278226101 (0xFF008CB5)
YUV	102.8140, 38.5457, -90.1679
Hunter-Lab	46.8770, -14.9196, -26.4235

Details

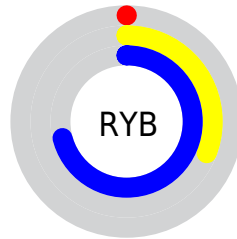
The CIELCh color **54, 34.534, 241.275** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **40, 75.665, 44.433**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 34.475, 240.831**, and **36, 28.833, 253.818** is the 20% darker color. If you saturate the color by 10%, you get **54, 34.520, 241.297**, and if you desaturate by 10%, it is **55, 33.397, 237.267**.

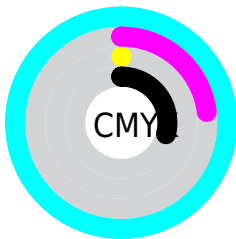
Distribution



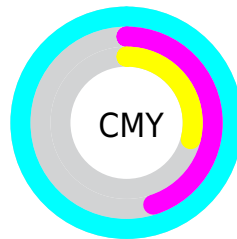
- Red (0%)
- Green (55%)
- Blue (71%)



- Red (0%)
- Yellow (31%)
- Blue (71%)



- Cyan (100%)
- Magenta (23%)
- Yellow (0%)
- Black (29%)





- Cyan (100%)
- Magenta (45%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 34.534, 241.275 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, 34.534, 241.275 by changing the saturation by 10% instead.


 54, 34.534,
241.275


 54, 34.534,
241.275


 100, 34.534,
241.275


 44, 34.534,
241.275


 74, 34.534,
241.275

 34, 34.534,
241.275

 84, 34.534,
241.275

 24, 34.534,
241.275

 94, 34.534,
241.275

 14, 34.534,
241.275

 4, 34.534, 241.275

 0, 34.534, 241.275

■ 54, 34.534,
241.275

■ 54, 34.534,
241.275

■ 54, 34.520,
241.297

■ 55, 33.397,
237.267

■ 57, 31.914,
233.764

■ 59, 29.862,
230.909

■ 60, 27.182,
228.634

■ 62, 23.874,
226.854

■ 64, 19.981,
225.482

■ 66, 15.570,
224.442

■ 69, 10.718,

223.672

■ 71, 5.504, 223.139

Harmonies

Complementary

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



54, 34.534, 241.275



40, 75.665, 44.433

Rectangle

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



54, 34.534, 241.275



54, 34.534, 291.275



54, 34.534, 61.275



54, 34.534, 111.275

Sweetspot

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



54, 34.520, 241.297



84, 19.221, 224.488



64, 86.155, 138.958



43, 12.905, 224.889



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, 34.520, 241.297



69, 42.120, 242.111



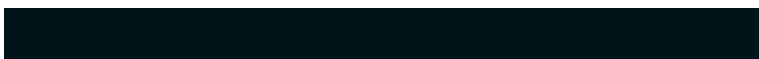
29, 81.267, 299.100



37, 3.092, 223.112



46, 30.467, 240.674



5, 7.480, 233.451

Inverse Universe

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



41, 74.927, 339.814



53, 90.875, 340.060



58, 64.156, 80.382



35, 5.764, 332.040



34, 66.427, 339.628



2, 13.002, 334.937

Previews

White Background



This preview shows how the CIELCh color 54, 34.534, 241.275 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, 34.534, 241.275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

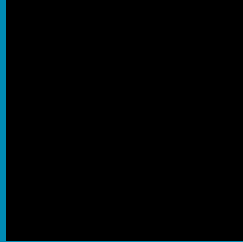
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 34.534, 241.275

Background



This preview shows how black text looks on a background with the CIELCh color 54, 34.534, 241.275.

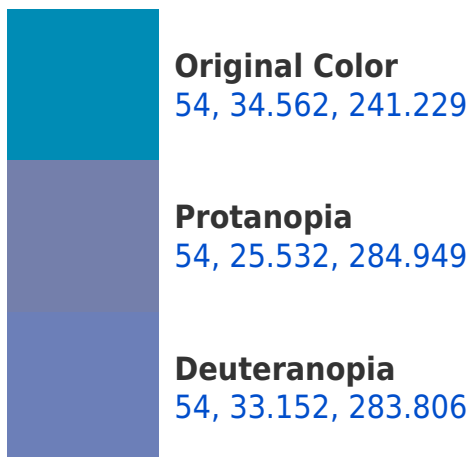


This preview shows how white text looks on a background with the CIELCh color 54, 34.534, 241.275.

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, 34.562, 241.229



Protanomaly
53, 29.105, 257.990



Deuteranomaly
53, 33.150, 262.321



Tritanomaly
54, 31.475, 221.013

Monochromacy



Original Color
54, 34.562, 241.229



Achromatopsia
44, 0.006, 296.813



Achromatomaly
46, 18.363, 227.176

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 34.534, 241.275 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(0, 140, 181)` looks like.

```
.text, #text, p{  
    color:rgb(0, 140, 181)  
}
```

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(0, 140, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 140, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 34.534, 241.275 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(0, 140, 181) }
```

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

```
.border{ border-color:rgb(0, 140, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 140, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 140, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 140, 181);  
box-shadow:4px 4px 4px 4px rgb(0, 140,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 34.534, 241.275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 140, 181) }
```

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

```
.background{ background-color: rgb(0, 140,  
181) }
```

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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