

Converting Colors

CIELCh(54, 36.205, 246.417)

Have a look what the booklet for
CIELCh(54, 36.205, 246.417)
contains.

CIELCh(54, 36.208, 246.825)	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, 36.208, 246.825)

Conversions

Conversions Part 1

Format	Color
Hex	008BBA
RGB	0, 139, 186
RGB Percent	0%, 55%, 73%
CMY	1.0000, 0.4553, 0.2710
CMYK	1.00, 0.25, 0.00, 0.27
HSL	195°, 100%, 36%
HSV	195°, 100%, 73%
XYZ	18.0646, 21.9746, 49.6854
YIQ	102.7970, -97.9310, -14.8510

Conversions

Conversions Part 2

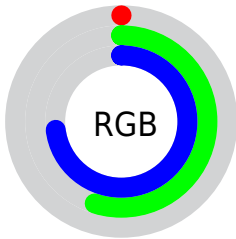
Format	Color
R_{YB}	0, 80, 186
Decimal	35770
CIE _{Lab}	54.00, -14.25, -33.29
CIE _{LCh}	54, 36.208, 246.825
Yxy	21.9746, 0.2013, 0.2449
Android (android.graphics.Color)	4278225850 (0xFF008BBA)
YUV	102.7970, 41.0191, -90.1530
Hunter-Lab	46.8770, -13.2479, -30.0281

Details

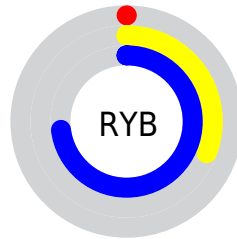
The CIELCh color **54, 36.208, 246.825** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **42, 76.404, 45.346**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 36.170, 247.132**, and **36, 31.320, 260.105** is the 20% darker color. If you saturate the color by 10%, you get **54, 36.197, 246.845**, and if you desaturate by 10%, it is **56, 34.746, 242.449**.

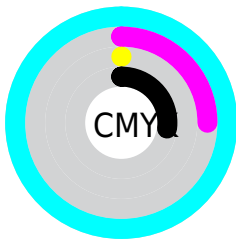
Distribution



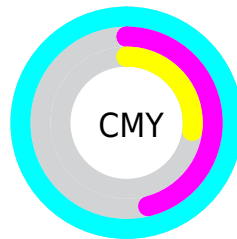
- Red (0%)
- Green (55%)
- Blue (73%)



- Red (0%)
- Yellow (31%)
- Blue (73%)



- Cyan (100%)
- Magenta (25%)
- Yellow (0%)
- Black (27%)





- Cyan (100%)
- Magenta (46%)
- Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 36.208, 246.825 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, 36.208, 246.825 by changing the saturation by 10% instead.


 54, 36.208,
246.825

 54, 36.208,
246.825


 100, 36.208,
246.825

 44, 36.208,
246.825


 74, 36.208,
246.825

 34, 36.208,
246.825

 84, 36.208,
246.825

 24, 36.208,
246.825

 94, 36.208,
246.825

 14, 36.208,
246.825

 4, 36.208, 246.825

 0, 36.208, 246.825

■ 54, 36.208,
246.825

■ 54, 36.208,
246.825

■ 54, 36.197,
246.845

■ 56, 34.746,
242.449

■ 57, 32.990,
238.583

■ 59, 30.716,
235.394

■ 61, 27.852,
232.827

■ 63, 24.390,
230.794

■ 65, 20.365,
229.207

■ 68, 15.839,
227.983

■ 70, 10.887,

227.053

■ 73, 5.585, 226.380

Harmonies

Complementary

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



54, 36.208, 246.825



42, 76.404, 45.346

Rectangle

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



54, 36.208, 246.825



54, 36.208, 296.825



54, 36.208, 66.825



54, 36.208, 116.825

Sweetspot

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



54, 36.197, 246.845



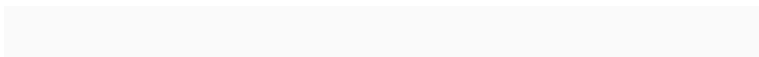
86, 19.608, 228.037



66, 86.425, 139.730



45, 13.288, 228.522



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



54, 36.197, 246.845



69, 44.368, 247.706



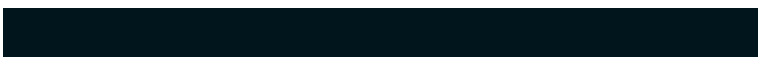
28, 87.018, 300.619



38, 3.137, 226.345



46, 31.609, 246.139



6, 8.536, 237.931

Inverse Universe

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



42, 75.121, 341.555



54, 91.363, 341.840



61, 66.109, 83.405



36, 5.792, 333.015



35, 66.008, 341.324



3, 14.654, 336.720

Previews

White Background



This preview shows how the CIE LCh color 54, 36.208, 246.825 looks on a white background.

Color Contrast Check

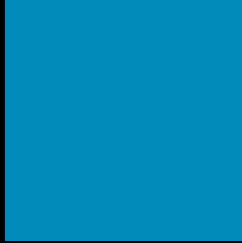
Large Text (above 18pt) WCAG AA ✓ Pass

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, 36.208, 246.825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

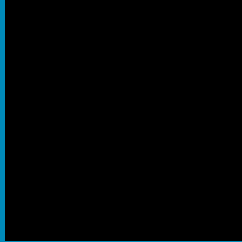
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 36.208, 246.825

Background



This preview shows how black text looks on a background with the CIELCh color 54, 36.208, 246.825.

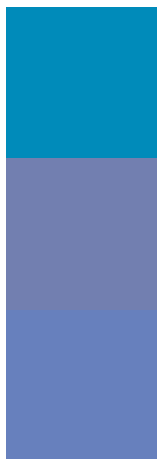


This preview shows how white text looks on a background with the CIELCh color 54, 36.208, 246.825.

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, 36.208, 246.825

Protanopia

54, 28.428, 284.973

Deuteranopia

54, 35.593, 282.118



Tritanopia
54, 31.454, 208.432

Trichromacy



Original Color
54, 36.208, 246.825

Protanomaly
53, 31.792, 262.669

Deuteranomaly
53, 35.697, 264.710

Tritanomaly
54, 31.652, 223.247

Monochromacy



Original Color
54, 36.208, 246.825

Achromatopsia
44, 0.006, 296.813

Achromatomaly
46, 18.781, 230.761

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 36.208, 246.825 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, 139, 186)` looks like.

```
.text, #text, p{  
    color:rgb(0, 139, 186)  
}
```

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, 139, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 139, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 36.208, 246.825 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, 139, 186) }
```

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

```
.border{ border-color:rgb(0, 139, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 139, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 139, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 139, 186);  
box-shadow:4px 4px 4px 4px rgb(0, 139,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 36.208, 246.825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 139, 186) }
```

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

```
.background{ background-color: rgb(0, 139,  
186) }
```

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