

Converting Colors

CIELCh(54, 35.486, 244.820)

Have a look what the booklet for
CIELCh(54, 35.486, 244.820)
contains.

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Color

CIELCh(54, 35.567, 245.147)

Conversions

Conversions Part 1

Format	Color
Hex	028BB8
RGB	2, 139, 184
RGB Percent	1%, 55%, 72%
CMY	0.9939, 0.4544, 0.2779
CMYK	0.99, 0.24, 0.00, 0.28
HSL	195°, 98%, 36%
HSV	195°, 99%, 72%
XYZ	17.9331, 21.9746, 48.7110
YIQ	103.1670, -96.0970, -15.0490

Conversions

Conversions Part 2

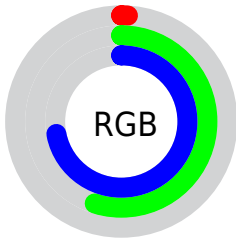
Format	Color
R_{YB}	2, 80, 184
Decimal	166840
CIE _{Lab}	54.00, -14.95, -32.27
CIE _{LCh}	54, 35.567, 245.147
Yxy	21.9746, 0.2024, 0.2480
Android (android.graphics.Color)	4278356920 (0xFF028BB8)
YUV	103.1670, 39.8507, -88.7235
Hunter-Lab	46.8770, -13.7486, -28.7957

Details

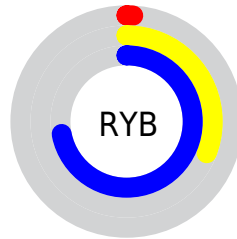
The CIELCh color **54, 35.567, 245.147** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **42, 75.480, 45.082**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **74, 35.360, 244.555**, and **36, 30.437, 258.247** is the 20% darker color. If you saturate the color by 10%, you get **54, 35.685, 245.510**, and if you desaturate by 10%, it is **56, 34.196, 240.851**.

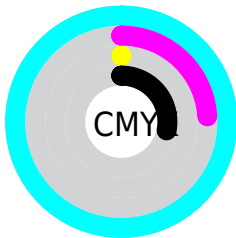
Distribution



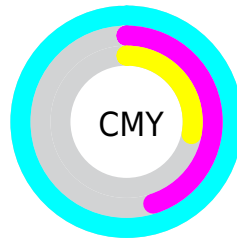
- Red (1%)
- Green (55%)
- Blue (72%)



- Red (1%)
- Yellow (31%)
- Blue (72%)



- Cyan (99%)
- Magenta (24%)
- Yellow (0%)
- Black (28%)





- Cyan (99%)
- Magenta (45%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 35.567, 245.147 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, 35.567, 245.147 by changing the saturation by 10% instead.


 54, 35.567,
245.147


 54, 35.567,
245.147


 100, 35.567,
245.147


 44, 35.567,
245.147


 74, 35.567,
245.147

 34, 35.567,
245.147

 84, 35.567,
245.147

 24, 35.567,
245.147

 94, 35.567,
245.147

 14, 35.567,
245.147

 4, 35.567, 245.147

 0, 35.567, 245.147

■ 54, 35.567,
245.147

■ 54, 35.567,
245.147

■ 54, 35.685,
245.510

■ 56, 34.196,
240.851

■ 57, 32.474,
237.127

■ 59, 30.214,
234.072

■ 61, 27.352,
231.622

■ 63, 23.887,
229.691

■ 65, 19.859,
228.188

■ 68, 15.334,
227.035

■ 70, 10.386,

226.166

■ 72, 5.091, 225.549

Harmonies

Complementary

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



54, 35.567, 245.147



42, 75.480, 45.082

Rectangle

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



54, 35.567, 245.147



54, 35.567, 295.147



54, 35.567, 65.147



54, 35.567, 115.147

Sweetspot

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



54, 35.566, 245.148



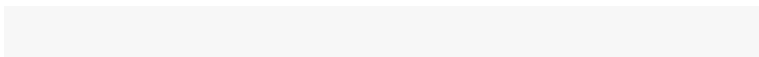
85, 19.463, 227.173



65, 86.259, 139.450



44, 13.076, 227.634



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



54, 35.566, 245.148



69, 43.685, 246.364



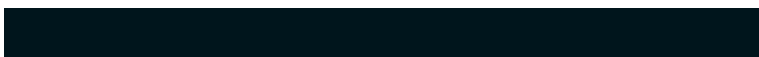
29, 83.737, 299.662



38, 3.143, 225.558



46, 31.401, 244.850



6, 8.527, 236.938

Inverse Universe

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



41, 74.858, 341.003



54, 91.047, 341.398



60, 65.122, 82.052



36, 5.818, 332.776



35, 66.296, 340.911



3, 14.737, 336.380

Previews

White Background



This preview shows how the CIELCh color 54, 35.567, 245.147 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, 35.567, 245.147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

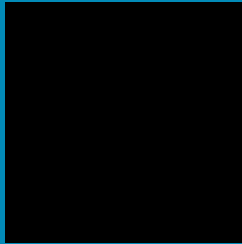
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 35.567, 245.147

Background



This preview shows how black text looks on a background with the CIELCh color 54, 35.567, 245.147.

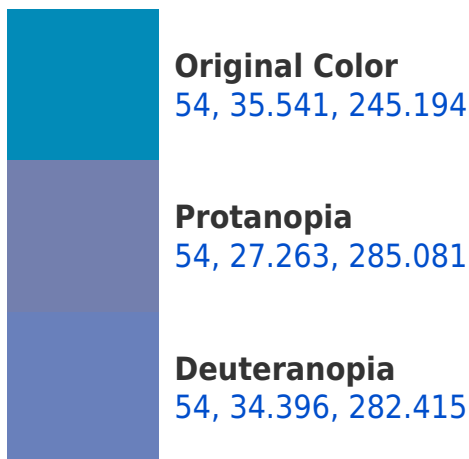


This preview shows how white text looks on a background with the CIELCh color 54, 35.567, 245.147.

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, 35.541, 245.194

Protanomaly
53, 30.782, 261.584

Deuteranomaly
53, 34.692, 263.726

Tritanomaly
54, 31.520, 222.168

Monochromacy



Original Color
54, 35.541, 245.194

Achromatopsia
44, 0.006, 296.813

Achromatomaly
46, 18.564, 228.988

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 35.567, 245.147 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(2, 139, 184)` looks like.

```
.text, #text, p{  
    color:rgb(2, 139, 184)  
}
```

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(2, 139, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 139, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 35.567, 245.147 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(2, 139, 184) }
```

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

```
.border{ border-color:rgb(2, 139, 184) }
```

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

Here you see how a box with a 4 pixel rgb(2, 139, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 139, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 139, 184);  
box-shadow:4px 4px 4px 4px rgb(2, 139,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 35.567, 245.147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 139, 184) }
```

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

```
.background{ background-color: rgb(2, 139,  
184) }
```

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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