

Converting Colors

CIELCh(55, 34.723, 241.093)

Have a look what the booklet for
CIELCh(55, 34.723, 241.093)
contains.

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Color

CIELCh(55, 34.883, 241.927)

Conversions

Conversions Part 1

Format	Color
Hex	078EB8
RGB	7, 142, 184
RGB Percent	3%, 56%, 72%
CMY	0.9723, 0.4422, 0.2775
CMYK	0.96, 0.23, 0.00, 0.28
HSL	194°, 93%, 38%
HSV	194°, 96%, 72%
XYZ	18.4718, 22.9298, 48.9311
YIQ	106.4230, -93.9420, -15.5580

Conversions

Conversions Part 2

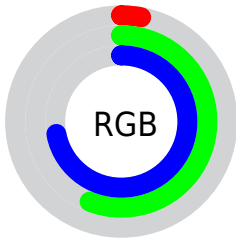
Format	Color
RYB	7, 84, 184
Decimal	495288
CIELab	55.00, -16.42, -30.78
CIELCh	55, 34.883, 241.927
Yxy	22.9298, 0.2045, 0.2538
Android (android.graphics.Color)	4278685368 (0xFF078EB8)
YUV	106.4230, 38.2455, -87.1940
Hunter-Lab	47.8851, -14.9423, -27.0655

Details

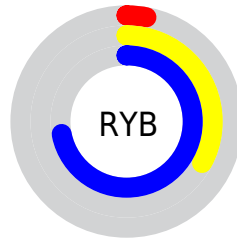
The CIELCh color **55, 34.883, 241.927** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **42, 73.831, 44.666**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **75, 34.773, 241.518**, and **37, 29.384, 254.099** is the 20% darker color. If you saturate the color by 10%, you get **54, 35.363, 243.544**, and if you desaturate by 10%, it is **57, 33.560, 237.865**.

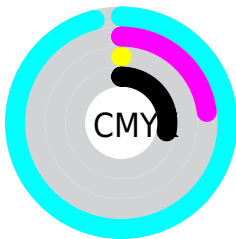
Distribution



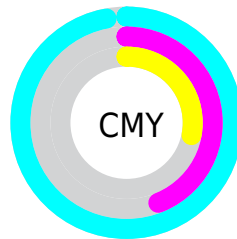
- Red (3%)
- Green (56%)
- Blue (72%)



- Red (3%)
- Yellow (33%)
- Blue (72%)



- Cyan (96%)
- Magenta (23%)
- Yellow (0%)
- Black (28%)





- Cyan (97%)
- Magenta (44%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 34.883, 241.927 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 55, 34.883, 241.927 by changing the saturation by 10% instead.


 55, 34.883,
241.927


 55, 34.883,
241.927


 100, 34.883,
241.927


 45, 34.883,
241.927


 75, 34.883,
241.927

 35, 34.883,
241.927

 85, 34.883,
241.927

 25, 34.883,
241.927

 95, 34.883,
241.927

 15, 34.883,
241.927

 5, 34.883, 241.927

 0, 34.883, 241.927

■ 55, 34.883,
241.927

■ 55, 34.883,
241.927

■ 54, 35.363,
243.544

■ 57, 33.560,
237.865

■ 58, 31.768,
234.465

■ 60, 29.388,
231.708

■ 62, 26.383,
229.519

■ 64, 22.767,
227.808

■ 66, 18.593,
226.489

■ 68, 13.933,
225.488

■ 71, 8.864, 224.749

Harmonies

Complementary

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



55, 34.883, 241.927



42, 73.831, 44.666

Rectangle

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



55, 34.883, 241.927



55, 34.883, 291.927



55, 34.883, 61.927



55, 34.883, 111.927

Sweetspot

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



55, 34.882, 241.927



86, 18.918, 225.789



65, 84.938, 139.917



44, 12.780, 226.218



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



55, 34.882, 241.927



70, 43.245, 244.374



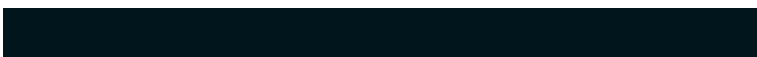
30, 81.166, 298.793



38, 3.153, 224.385



46, 31.117, 242.898



6, 8.518, 235.435

Inverse Universe

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



42, 75.159, 339.992



54, 91.661, 340.761



60, 64.461, 82.630



36, 5.857, 332.423



35, 66.734, 340.301



3, 14.863, 335.875

Previews

White Background



This preview shows how the CIE LCh color 55, 34.883, 241.927 looks on a white background.

Color Contrast Check

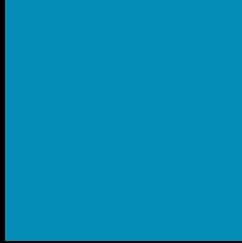
Large Text (above 18pt) WCAG AA ✓ Pass

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 55, 34.883, 241.927 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 55, 34.883, 241.927

Background



This preview shows how black text looks on a background with the CIELCh color 55, 34.883, 241.927.

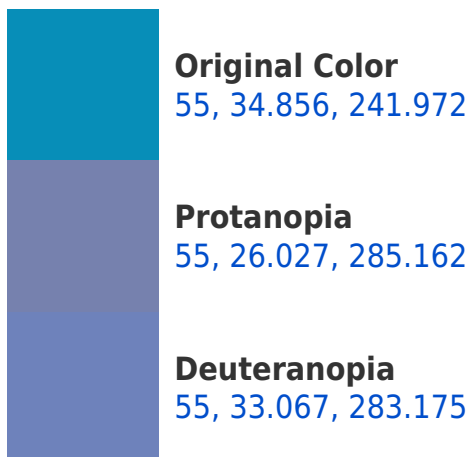


This preview shows how white text looks on a background with the CIELCh color 55, 34.883, 241.927.

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
55, 31.944, 208.199

Trichromacy



Original Color
55, 34.856, 241.972



Protanomaly
54, 29.288, 259.385



Deuteranomaly
54, 33.393, 263.417



Tritanomaly
55, 31.814, 220.643

Monochromacy



Original Color
55, 34.856, 241.972



Achromatopsia
45, 0.006, 296.813



Achromatomaly
48, 18.142, 227.408

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 34.883, 241.927 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(7, 142, 184)` looks like.

```
.text, #text, p{  
    color:rgb(7, 142, 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(7, 142, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 142, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 34.883, 241.927 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(7, 142, 184) }
```

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

```
.border{ border-color:rgb(7, 142, 184) }
```

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

Here you see how a box with a 4 pixel rgb(7, 142, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 142, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 142, 184);  
box-shadow:4px 4px 4px 4px rgb(7, 142,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 34.883, 241.927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 142, 184) }
```

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

```
.background{ background-color: rgb(7, 142,  
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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