

Converting Colors

CIELCh(57, 35.286, 238.256)

Have a look what the booklet for
CIELCh(57, 35.286, 238.256)
contains.

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Color

CIELCh(57, 35.203, 238.397)

Conversions

Conversions Part 1

Format	Color
Hex	0194BC
RGB	1, 148, 188
RGB Percent	0%, 58%, 74%
CMY	0.9946, 0.4185, 0.2616
CMYK	0.99, 0.21, 0.00, 0.26
HSL	193°, 99%, 37%
HSV	193°, 99%, 74%
XYZ	19.7614, 24.9227, 51.5162
YIQ	108.6070, -100.4520, -18.7240

Conversions

Conversions Part 2

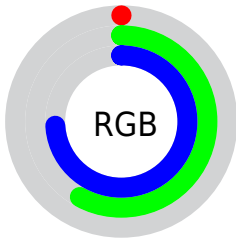
Format	Color
R _Y B	1, 83, 188
Decimal	103612
CIE Lab	57.00, -18.45, -29.98
CIE LCh	57, 35.203, 238.397
Yxy	24.9227, 0.2054, 0.2591
Android (android.graphics.Color)	4278293692 (0xFF0194BC)
YUV	108.6070, 39.1407, -94.3713
Hunter-Lab	49.9226, -16.7070, -26.2368

Details

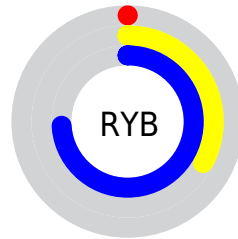
The CIELCh color **57, 35.203, 238.397** is a dark color, and the websafe version is hex **0099CC**. A complement of this color would be **42, 78.058, 43.855**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **77, 35.131, 238.240**, and **38, 29.394, 251.180** is the 20% darker color. If you saturate the color by 10%, you get **57, 35.276, 238.680**, and if you desaturate by 10%, it is **58, 34.186, 234.542**.

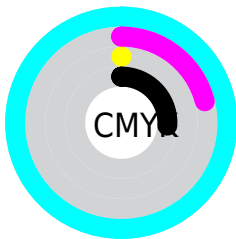
Distribution



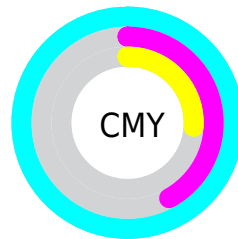
- Red (0%)
- Green (58%)
- Blue (74%)



- Red (0%)
- Yellow (33%)
- Blue (74%)



- Cyan (99%)
- Magenta (21%)
- Yellow (0%)
- Black (26%)



- Cyan (99%)
- Magenta (42%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 35.203, 238.397 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 57, 35.203, 238.397 by changing the saturation by 10% instead.

■ 57, 35.203,
238.397

■ 57, 35.203,
238.397

■ 100, 35.203,
238.397

■ 47, 35.203,
238.397

■ 77, 35.203,
238.397

■ 37, 35.203,
238.397

■ 87, 35.203,
238.397

■ 27, 35.203,
238.397

■ 97, 35.203,
238.397

■ 17, 35.203,
238.397

■ 7, 35.203, 238.397

■ 0, 35.203, 238.397

■ 57, 35.203,
238.397

■ 57, 35.203,
238.397

■ 57, 35.276,
238.680

■ 58, 34.186,
234.542

■ 60, 32.731,
231.251

■ 61, 30.650,
228.588

■ 63, 27.893,
226.482

■ 65, 24.464,
224.846

■ 67, 20.415,
223.598

■ 69, 15.817,
222.665

■ 72, 10.757,

221.986

■ 74, 5.317, 221.537

Harmonies

Complementary

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



57, 35.203, 238.397



42, 78.058, 43.855

Rectangle

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



57, 35.203, 238.397



57, 35.203, 288.397



57, 35.203, 58.397



57, 35.203, 108.397

Sweetspot

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



57, 35.202, 238.397



88, 19.975, 222.763



67, 89.435, 138.636



45, 13.408, 223.137



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



57, 35.202, 238.397



73, 43.063, 239.432



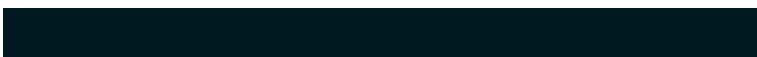
31, 81.439, 298.182



39, 3.255, 221.540



48, 30.939, 238.074



7, 9.474, 231.121

Inverse Universe

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



43, 77.903, 338.958



55, 94.699, 339.261



59, 65.757, 78.898



37, 6.091, 331.578



35, 68.645, 338.867



3, 17.388, 334.970

Previews

White Background



This preview shows how the CIE LCh color 57, 35.203, 238.397 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 57, 35.203, 238.397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

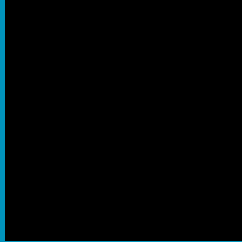
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 35.203, 238.397

Background



This preview shows how black text looks on a background with the CIELCh color 57, 35.203, 238.397.

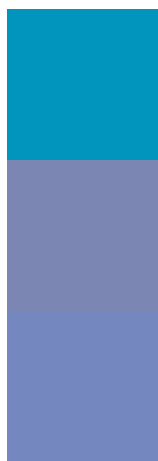


This preview shows how white text looks on a background with the CIELCh color 57, 35.203, 238.397.

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

57, 35.176, 238.437

Protanopia

57, 25.261, 285.473

Deuteranopia

57, 32.223, 283.709



Tritanopia
57, 32.711, 208.903

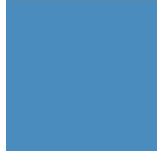
Trichromacy



Original Color
57, 35.176, 238.437



Protanomaly
56, 29.255, 256.603



Deuteranomaly
56, 32.779, 260.178



Tritanomaly
57, 32.680, 219.805

Monochromacy



Original Color
57, 35.176, 238.437



Achromatopsia
46, 0.006, 296.813



Achromatomaly
49, 19.071, 225.645

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 35.203, 238.397 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(1, 148, 188)` looks like.

```
.text, #text, p{  
    color:rgb(1, 148, 188)  
}
```

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(1, 148, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 148, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 35.203, 238.397 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(1, 148, 188) }
```

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

```
.border{ border-color:rgb(1, 148, 188) }
```

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

Here you see how a box with a 4 pixel rgb(1, 148, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 148, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 148, 188);  
box-shadow:4px 4px 4px 4px rgb(1, 148,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 35.203, 238.397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 148, 188) }
```

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

```
.background{ background-color: rgb(1, 148,  
188) }
```

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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