

Converting Colors

CIELCh(57, 42.025, 256.199)

Have a look what the booklet for
CIELCh(57, 42.025, 256.199)
contains.

CIELCh(57, 41.643, 255.542)	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(57, 41.643, 255.542)

Conversions

Conversions Part 1

Format	Color
Hex	0092CF
RGB	0, 146, 207
RGB Percent	0%, 57%, 81%
CMY	1.0000, 0.4288, 0.1897
CMYK	1.00, 0.30, 0.00, 0.19
HSL	198°, 100%, 41%
HSV	198°, 100%, 81%
XYZ	21.4168, 24.9227, 62.4677
YIQ	109.3000, -106.5970, -11.9810

Conversions

Conversions Part 2

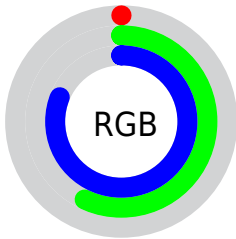
Format	Color
RYB	0, 86, 207
Decimal	37583
CIELab	57.00, -10.40, -40.32
CIELCh	57, 41.643, 255.542
Yxy	24.9227, 0.1968, 0.2291
Android (android.graphics.Color)	4278227663 (0xFF0092CF)
YUV	109.3000, 48.1661, -95.8561
Hunter-Lab	49.9226, -10.7880, -39.2432

Details

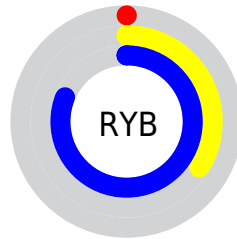
The CIELCh color **57, 41.643, 255.542** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **48, 81.119, 46.946**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **77, 38.207, 249.425**, and **39, 37.214, 266.896** is the 20% darker color. If you saturate the color by 10%, you get **57, 41.610, 255.613**, and if you desaturate by 10%, it is **59, 39.397, 250.751**.

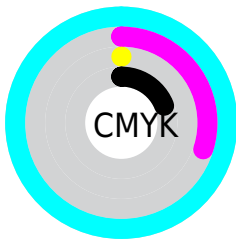
Distribution



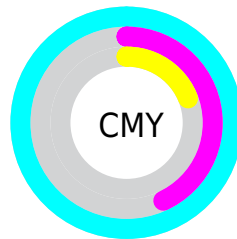
- Red (0%)
- Green (57%)
- Blue (81%)



- Red (0%)
- Yellow (34%)
- Blue (81%)



- Cyan (100%)
- Magenta (30%)
- Yellow (0%)
- Black (19%)





- Cyan (100%)
- Magenta (43%)
- Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 41.643, 255.542 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, 41.643, 255.542 by changing the saturation by 10% instead.


 57, 41.643,
255.542


 57, 41.643,
255.542


 100, 41.643,
255.542

 47, 41.643,
255.542


 77, 41.643,
255.542

 37, 41.643,
255.542

 87, 41.643,
255.542

 27, 41.643,
255.542

 97, 41.643,
255.542

 17, 41.643,
255.542

 7, 41.643, 255.542

 0, 41.643, 255.542

■ 57, 41.643,
255.542

■ 57, 41.643,
255.542

■ 57, 41.610,
255.613

■ 59, 39.397,
250.751

■ 61, 36.969,
246.391

■ 63, 34.103,
242.720

■ 66, 30.701,
239.712

■ 68, 26.732,
237.291

■ 71, 22.220,
235.366

■ 74, 17.220,
233.850

■ 77, 11.802,

232.666

■ 80, 6.040, 231.768

Harmonies

Complementary

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



57, 41.643, 255.542



48, 81.119, 46.946

Rectangle

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



57, 41.643, 255.542



57, 41.643, 305.542



57, 41.643, 75.542



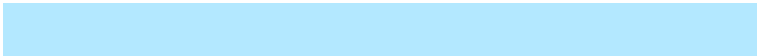
57, 41.643, 125.542

Sweetspot

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



57, 41.610, 255.613



89, 20.403, 233.899



73, 91.863, 140.496



46, 13.735, 234.507



0, 0.000, 0.000



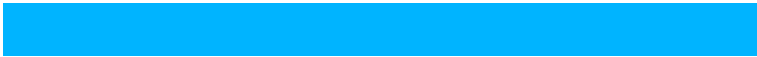
53, 0.007, 296.813

Same Dimension

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



57, 41.610, 255.613



69, 49.041, 256.292



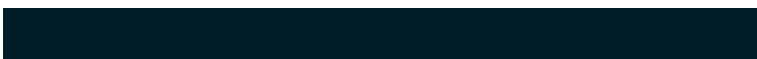
30, 98.690, 302.078



42, 3.465, 231.725



47, 35.488, 254.812



9, 12.635, 243.382

Inverse Universe

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



46, 78.906, 344.687



57, 92.254, 344.954



69, 72.355, 86.267



41, 6.257, 334.693



37, 67.923, 344.377



5, 24.791, 340.649

Previews

White Background



This preview shows how the CIE LCh color 57, 41.643, 255.542 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 57, 41.643, 255.542 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, 41.643, 255.542

Background



This preview shows how black text looks on a background with the CIELCh color 57, 41.643, 255.542.

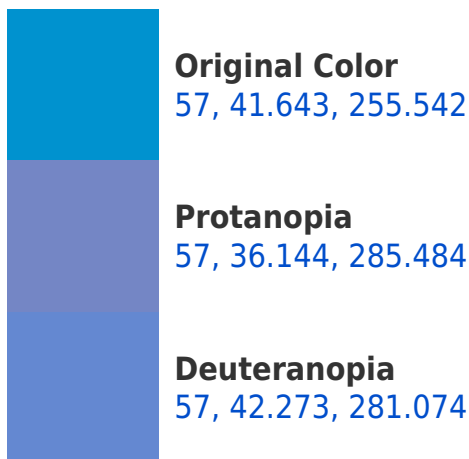


This preview shows how white text looks on a background with the CIELCh color 57, 41.643, 255.542.

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
57, 32.711, 208.903

Trichromacy



Original Color
57, 41.643, 255.542



Protanomaly
56, 38.257, 268.035



Deuteranomaly
56, 41.862, 268.060



Tritanomaly
57, 33.387, 228.399

Monochromacy



Original Color
57, 41.643, 255.542



Achromatopsia
46, 0.006, 296.813



Achromatomaly
49, 20.677, 237.172

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 41.643, 255.542 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, 146, 207)` looks like.

```
.text, #text, p{  
    color:rgb(0, 146, 207)  
}
```

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, 146, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 146, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 41.643, 255.542 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, 146, 207) }
```

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

```
.border{ border-color:rgb(0, 146, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 146, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 146, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 146, 207);  
box-shadow:4px 4px 4px 4px rgb(0, 146,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 41.643, 255.542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 146, 207) }
```

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

```
.background{ background-color: rgb(0, 146,  
207) }
```

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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