

Converting Colors

CIELCh(52, 43.662, 264.298)

Have a look what the booklet for
CIELCh(52, 43.662, 264.298)
contains.

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Color

CIELCh(52, 43.646, 264.342)

Conversions

Conversions Part 1

Format	Color
Hex	0882C6
RGB	8, 130, 198
RGB Percent	3%, 51%, 78%
CMY	0.9692, 0.4896, 0.2228
CMYK	0.96, 0.34, 0.00, 0.22
HSL	201°, 92%, 40%
HSV	201°, 96%, 78%
XYZ	18.3156, 20.1443, 56.4564
YIQ	101.2740, -94.5400, -4.7160

Conversions

Conversions Part 2

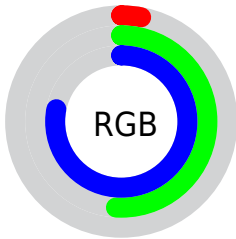
Format	Color
RYB	8, 82, 198
Decimal	557766
CIELab	52.00, -4.30, -43.43
CIELCh	52, 43.646, 264.342
Yxy	20.1443, 0.1930, 0.2122
Android (android.graphics.Color)	4278747846 (0xFF0882C6)
YUV	101.2740, 47.6859, -81.8013
Hunter-Lab	44.8824, -5.7020, -43.1615

Details

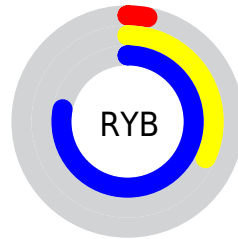
The CIELCh color **52, 43.646, 264.342** is a dark color, and the websafe version is hex **006699**. The color can be described as dark washed azure. A complement of this color would be **49, 73.403, 50.866**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **72, 43.421, 264.122**, and **34, 40.830, 276.157** is the 20% darker color. If you saturate the color by 10%, you get **51, 44.957, 266.298**, and if you desaturate by 10%, it is **54, 40.426, 259.403**.

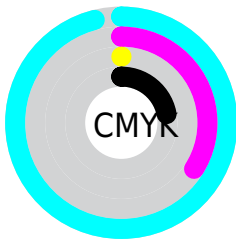
Distribution



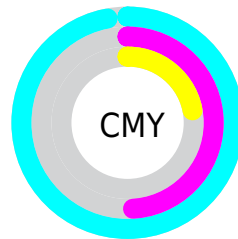
- Red (3%)
- Green (51%)
- Blue (78%)



- Red (3%)
- Yellow (32%)
- Blue (78%)



- Cyan (96%)
- Magenta (34%)
- Yellow (0%)
- Black (22%)





- Cyan (97%)
- Magenta (49%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 43.646, 264.342 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 52, 43.646, 264.342 by changing the saturation by 10% instead.


 52, 43.646,
264.342


 52, 43.646,
264.342


 100, 43.646,
264.342


 42, 43.646,
264.342


 72, 43.646,
264.342

 32, 43.646,
264.342

 82, 43.646,
264.342

 22, 43.646,
264.342

 92, 43.646,
264.342

 12, 43.646,
264.342

 2, 43.646, 264.342

 0, 43.646, 264.342

■ 52, 43.646,
264.342

■ 52, 43.646,
264.342

■ 51, 44.957,
266.298

■ 54, 40.426,
259.403

■ 57, 37.054,
255.005

■ 59, 33.383,
251.241

■ 62, 29.330,
248.103

■ 65, 24.869,
245.530

■ 68, 20.015,
243.441

■ 71, 14.811,
241.755

■ 75, 9.309, 240.403

Harmonies

Complementary

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



52, 43.646, 264.342



49, 73.403, 50.866

Rectangle

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



52, 43.646, 264.342



52, 43.646, 314.342



52, 43.646, 84.342



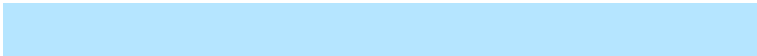
52, 43.646, 134.342

Sweetspot

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



52, 43.645, 264.343



88, 20.090, 242.287



70, 82.727, 143.451



45, 13.642, 243.025



0, 0.000, 0.000



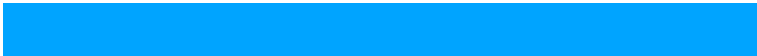
53, 0.007, 296.813

Same Dimension

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



52, 43.645, 264.343



65, 54.917, 267.138



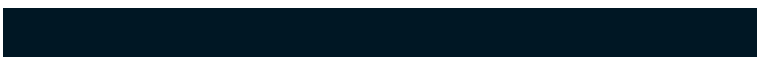
28, 98.738, 303.209



40, 3.341, 239.673



42, 38.554, 265.501



7, 11.932, 253.964

Inverse Universe

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



44, 73.535, 348.497



56, 88.907, 349.907



70, 71.757, 92.471



39, 5.743, 337.340



36, 64.021, 349.062



4, 19.629, 344.131

Previews

White Background



This preview shows how the CIE LCh color 52, 43.646, 264.342 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 52, 43.646, 264.342 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 52, 43.646, 264.342

Background



This preview shows how black text looks on a background with the CIELCh color 52, 43.646, 264.342.

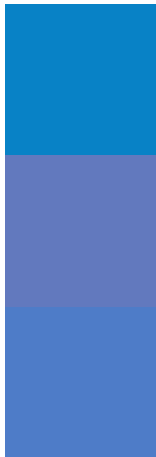


This preview shows how white text looks on a background with the CIELCh color 52, 43.646, 264.342.

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

52, 43.631, 264.385

Protanopia

52, 40.301, 285.441

Deuteranopia

52, 44.932, 279.983



Tritanopia
52, 30.517, 207.753

Trichromacy



Original Color
52, 43.631, 264.385

Protanomaly
51, 41.868, 274.145

Deuteranomaly
52, 44.561, 272.574

Tritanomaly
52, 31.571, 232.488

Monochromacy



Original Color
52, 43.631, 264.385

Achromatopsia
43, 0.006, 296.813

Achromatomaly
45, 19.840, 244.922

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 43.646, 264.342 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(8, 130, 198)` looks like.

```
.text, #text, p{  
    color:rgb(8, 130, 198)  
}
```

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(8, 130, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 130, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 43.646, 264.342 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(8, 130, 198) }
```

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

```
.border{ border-color:rgb(8, 130, 198) }
```

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

Here you see how a box with a 4 pixel rgb(8, 130, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 130, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 130, 198);  
box-shadow:4px 4px 4px 4px rgb(8, 130,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 43.646, 264.342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 130, 198) }
```

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

```
.background{ background-color: rgb(8, 130,  
198) }
```

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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