

Converting Colors

CIELCh(49, 93.239, 219.089)

Have a look what the booklet for
CIELCh(49, 93.239, 219.089)
contains.

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Color

CIELCh(58, 44.864, 260.237)

Conversions

Conversions Part 1

Format	Color
Hex	0293D8
RGB	2, 147, 216
RGB Percent	1%, 58%, 85%
CMY	0.9925, 0.4222, 0.1515
CMYK	0.99, 0.32, 0.00, 0.15
HSL	199°, 98%, 43%
HSV	199°, 99%, 85%
XYZ	22.9513, 25.9610, 69.0149
YIQ	111.5110, -108.5690, -9.2810

Conversions

Conversions Part 2

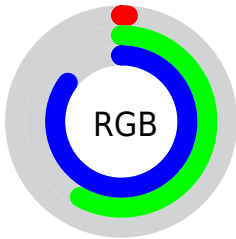
Format	Color
R _Y B	2, 88, 216
Decimal	168920
CIE Lab	58.00, -7.61, -44.21
CIE LCh	58, 44.864, 260.237
Yxy	25.9610, 0.1946, 0.2201
Android (android.graphics.Color)	4278359000 (0xFF0293D8)
YUV	111.5110, 51.5131, -96.0411
Hunter-Lab	50.9519, -8.7605, -44.6426

Details

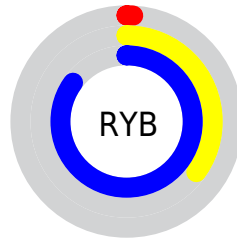
The CIELCh color **58, 44.864, 260.237** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **51, 82.252, 48.246**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **77, 37.640, 249.115**, and **40, 41.225, 271.427** is the 20% darker color. If you saturate the color by 10%, you get **58, 45.117, 260.673**, and if you desaturate by 10%, it is **60, 42.088, 255.227**.

Distribution



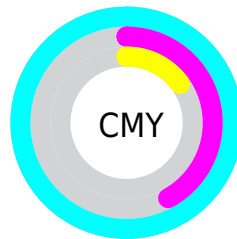
- Red (1%)
- Green (58%)
- Blue (85%)



- Red (1%)
- Yellow (35%)
- Blue (85%)



- Cyan (99%)
- Magenta (32%)
- Yellow (0%)
- Black (15%)



- Cyan (99%)
- Magenta (42%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 44.864, 260.237 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 58, 44.864, 260.237 by changing the saturation by 10% instead.

 58, 44.864,
260.237

 58, 44.864,
260.237

 100, 44.864,
260.237

 48, 44.864,
260.237

 78, 44.864,
260.237

 38, 44.864,
260.237

 88, 44.864,
260.237

 28, 44.864,
260.237

 98, 44.864,
260.237

 18, 44.864,
260.237

 8, 44.864, 260.237

 0, 44.864, 260.237

■ 58, 44.864,
260.237

■ 58, 44.864,
260.237

■ 58, 45.117,
260.673

■ 60, 42.088,
255.227

■ 63, 39.137,
250.722

■ 65, 35.803,
246.889

■ 68, 31.980,
243.718

■ 71, 27.632,
241.144

■ 74, 22.776,
239.077

■ 77, 17.462,
237.431

■ 80, 11.755,

236.130

■ 83, 5.726, 235.130

Harmonies

Complementary

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



58, 44.864, 260.237



51, 82.252, 48.246

Rectangle

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



58, 44.864, 260.237



58, 44.864, 310.237



58, 44.864, 80.237



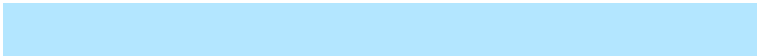
58, 44.864, 130.237

Sweetspot

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



58, 44.863, 260.238



89, 20.491, 237.604



76, 92.589, 141.602



46, 13.810, 238.276



0, 0.000, 0.000



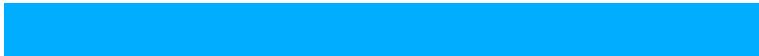
53, 0.007, 296.813

Same Dimension

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



58, 44.863, 260.238



67, 51.347, 261.199



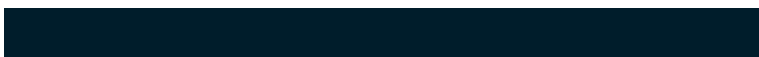
31, 105.309, 303.028



43, 3.533, 235.155



46, 37.494, 259.760



10, 13.473, 248.635

Inverse Universe

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



48, 80.252, 346.597



56, 90.721, 347.021



74, 75.851, 89.267



42, 6.261, 335.806



38, 67.532, 346.389



6, 26.069, 342.370

Previews

White Background



This preview shows how the CIE LCh color 58, 44.864, 260.237 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 58, 44.864, 260.237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

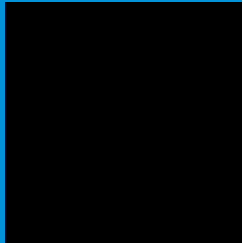
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 44.864, 260.237

Background



This preview shows how black text looks on a background with the CIELCh color 58, 44.864, 260.237.

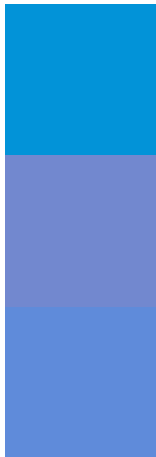


This preview shows how white text looks on a background with the CIELCh color 58, 44.864, 260.237.

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](#).

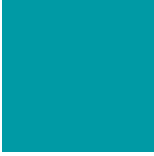
Dichromacy



Original Color
58, 44.834, 260.309

Protanopia
58, 40.610, 285.502

Deuteranopia
58, 45.705, 280.232



Tritanopia
58, 33.242, 207.621

Trichromacy



Original Color
58, 44.834, 260.309



Protanomaly
57, 42.287, 270.975



Deuteranomaly
57, 45.436, 270.163



Tritanomaly
58, 34.069, 229.886

Monochromacy



Original Color
58, 44.834, 260.309



Achromatopsia
47, 0.006, 296.813



Achromatomaly
50, 21.570, 241.296

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 44.864, 260.237 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, 147, 216)` looks like.

```
.text, #text, p{  
    color:rgb(2, 147, 216)  
}
```

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, 147, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 147, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 44.864, 260.237 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, 147, 216) }
```

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

```
.border{ border-color:rgb(2, 147, 216) }
```

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

Here you see how a box with a 4 pixel rgb(2, 147, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 147, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 147, 216);  
box-shadow:4px 4px 4px 4px rgb(2, 147,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 44.864, 260.237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 147, 216) }
```

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

```
.background{ background-color: rgb(2, 147,  
216) }
```

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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