

Converting Colors

CIELCh(58, 48.593, 265.151)

Have a look what the booklet for
CIELCh(58, 48.593, 265.151)
contains.

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Color

CIELCh(58, 48.676, 265.259)

Conversions

Conversions Part 1

Format	Color
Hex	0092E0
RGB	0, 146, 224
RGB Percent	0%, 57%, 88%
CMY	0.9986, 0.4272, 0.1213
CMYK	1.00, 0.35, 0.00, 0.12
HSL	201°, 100%, 44%
HSV	201°, 100%, 88%
XYZ	23.7532, 25.9610, 74.3218
YIQ	111.2380, -112.0540, -6.6940

Conversions

Conversions Part 2

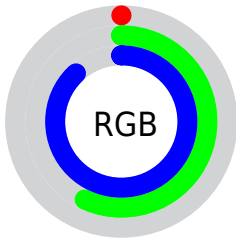
Format	Color
R _Y B	0, 88, 224
Decimal	37600
CIE Lab	58.00, -4.02, -48.51
CIE LCh	58, 48.676, 265.259
Yxy	25.9610, 0.1915, 0.2093
Android (android.graphics.Color)	4278227680 (0xFF0092E0)
YUV	111.2380, 55.5917, -97.5557
Hunter-Lab	50.9519, -5.9513, -50.8179

Details

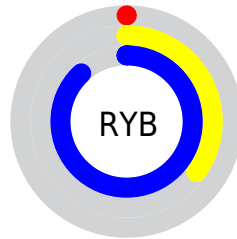
The CIELCh color **58, 48.676, 265.259** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **53, 83.768, 49.542**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **77, 37.744, 250.323**, and **40, 45.407, 275.734** is the 20% darker color. If you saturate the color by 10%, you get **58, 48.729, 265.336**, and if you desaturate by 10%, it is **60, 45.281, 260.176**.

Distribution



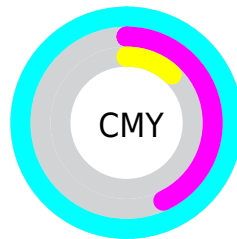
- Red (0%)
- Green (57%)
- Blue (88%)



- Red (0%)
- Yellow (35%)
- Blue (88%)



- Cyan (100%)
- Magenta (35%)
- Yellow (0%)
- Black (12%)




- Cyan (100%)
- Magenta (43%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 48.676, 265.259 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, 48.676, 265.259 by changing the saturation by 10% instead.

 58, 48.676,
265.259

 58, 48.676,
265.259

 100, 48.676,
265.259

 48, 48.676,
265.259


 78, 48.676,
265.259

 38, 48.676,
265.259

 88, 48.676,
265.259

 28, 48.676,
265.259

 98, 48.676,
265.259

 18, 48.676,
265.259

 8, 48.676, 265.259

 0, 48.676, 265.259

■ 58, 48.676,
265.259

■ 58, 48.676,
265.259

■ 58, 48.729,
265.336

■ 60, 45.281,
260.176

■ 63, 41.811,
255.499

■ 66, 38.045,
251.457

■ 69, 33.859,
248.069

■ 72, 29.203,
245.287

■ 75, 24.078,
243.031

■ 79, 18.524,
241.215

■ 82, 12.601,

239.762

■ 86, 6.374, 238.621

Harmonies

Complementary

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



58, 48.676, 265.259



53, 83.768, 49.542

Rectangle

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



58, 48.676, 265.259



58, 48.676, 315.259



58, 48.676, 85.259



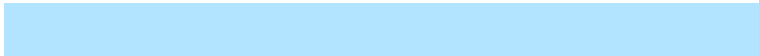
58, 48.676, 135.259

Sweetspot

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



58, 48.675, 265.260



88, 20.660, 241.276



78, 94.366, 141.963



45, 13.942, 242.004



0, 0.000, 0.000



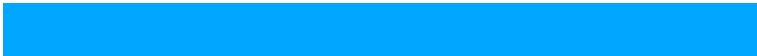
53, 0.007, 296.813

Same Dimension

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



58, 48.675, 265.260



65, 53.992, 265.743



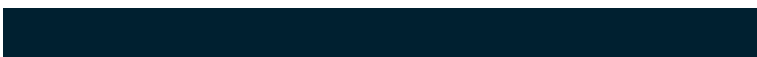
31, 110.692, 303.693



45, 3.683, 238.582



46, 40.253, 264.429



11, 15.016, 254.405

Inverse Universe

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



49, 81.116, 348.942



56, 89.327, 349.185



77, 78.651, 90.555



44, 6.383, 336.966



39, 67.927, 348.531



7, 28.514, 344.297

Previews

White Background



This preview shows how the CIE LCh color 58, 48.676, 265.259 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, 48.676, 265.259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

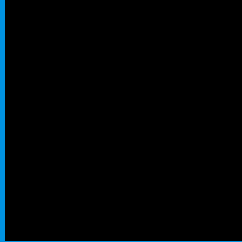
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

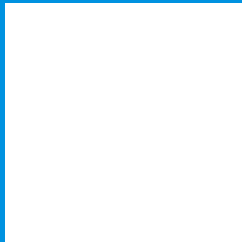
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 48.676, 265.259

Background



This preview shows how black text looks on a background with the CIELCh color 58, 48.676, 265.259.




This preview shows how white text looks on a background with the CIELCh color 58, 48.676, 265.259.

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
58, 33.242, 207.621

Trichromacy



Original Color
58, 48.676, 265.259



Protanomaly
57, 46.421, 273.679



Deuteranomaly
58, 49.629, 272.421



Tritanomaly
58, 34.494, 233.001

Monochromacy



Original Color
58, 48.676, 265.259



Achromatopsia
47, 0.006, 296.813



Achromatomaly
50, 22.566, 245.357

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 48.676, 265.259 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, 224)` looks like.

```
.text, #text, p{  
    color:rgb(0, 146, 224)  
}
```

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, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 146, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 48.676, 265.259 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, 224) }
```

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

```
.border{ border-color:rgb(0, 146, 224) }
```

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, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 146, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 146, 224);  
box-shadow:4px 4px 4px 4px rgb(0, 146,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 48.676, 265.259 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, 224) }
```

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

```
.background{ background-color: rgb(0, 146,  
224) }
```

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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