

Converting Colors

CIELCh(51, 76.106, 231.456)

Have a look what the booklet for
CIELCh(51, 76.106, 231.456)
contains.

| | |
|--|----|
| CIELCh(58, 48.234, 264.766) | 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(58, 48.234, 264.766)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 0192DF |
| RGB | 1, 146, 223 |
| RGB Percent | 0%, 57%, 87% |
| CMY | 0.9955, 0.4267, 0.1247 |
| CMYK | 0.99, 0.35, 0.00, 0.12 |
| HSL | 201°, 99%, 44% |
| HSV | 201°, 99%, 88% |
| XYZ | 23.6680, 25.9610, 73.7200 |
| YIQ | 111.4230, -111.1370, -6.7930 |

Conversions

Conversions Part 2

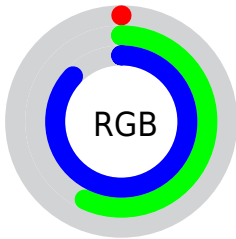
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 1, 89, 223 |
| Decimal | 103135 |
| CIE _{Lab} | 58.00, -4.40, -48.03 |
| CIE _{LCh} | 58, 48.234, 264.766 |
| Yxy | 25.9610, 0.1919, 0.2105 |
| Android (android.graphics.Color) | 4278293215 (0xFF0192DF) |
| YUV | 111.4230, 55.0075, -96.8410 |
| Hunter-Lab | 50.9519, -6.2497, -50.1176 |

Details

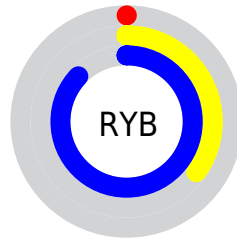
The CIELCh color **58, 48.234, 264.766** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **53, 83.369, 49.493**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **77, 37.744, 250.323**, and **40, 44.876, 275.276** is the 20% darker color. If you saturate the color by 10%, you get **58, 48.410, 265.019**, and if you desaturate by 10%, it is **60, 44.892, 259.686**.

Distribution



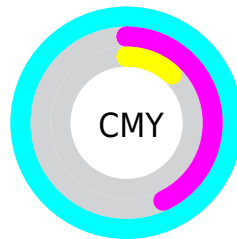
- Red (0%)
- Green (57%)
- Blue (87%)



- Red (0%)
- Yellow (35%)
- Blue (87%)



- Cyan (99%)
- Magenta (35%)
- Yellow (0%)
- Black (12%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 48.234, 264.766 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, 48.234, 264.766 by changing the saturation by 10% instead.

 58, 48.234,
264.766

 58, 48.234,
264.766

 100, 48.234,
264.766

 48, 48.234,
264.766

 78, 48.234,
264.766

 38, 48.234,
264.766

 88, 48.234,
264.766

 28, 48.234,
264.766

 98, 48.234,
264.766

 18, 48.234,
264.766

 8, 48.234, 264.766

 0, 48.234, 264.766

■ 58, 48.234,
264.766

■ 58, 48.234,
264.766

■ 58, 48.410,
265.019

■ 60, 44.892,
259.686

■ 63, 41.458,
255.038

■ 66, 37.716,
251.030

■ 69, 33.548,
247.676

■ 72, 28.905,
244.925

■ 75, 23.792,
242.696

■ 78, 18.251,
240.904

■ 82, 12.341,

239.471

■ 85, 6.127, 238.349

Harmonies

Complementary

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



58, 48.234, 264.766



53, 83.369, 49.493

Rectangle

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



58, 48.234, 264.766



58, 48.234, 314.766



58, 48.234, 84.766



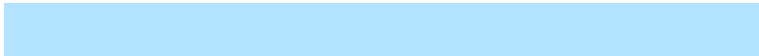
58, 48.234, 134.766

Sweetspot

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



58, 48.233, 264.767



88, 20.646, 241.022



78, 93.897, 142.035



45, 13.931, 241.747



0, 0.000, 0.000



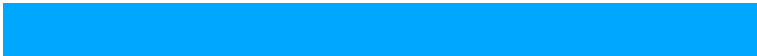
53, 0.007, 296.813

Same Dimension

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



58, 48.233, 264.767



66, 53.798, 265.439



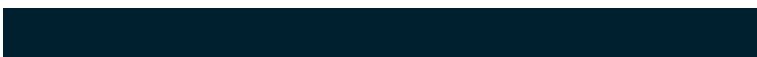
31, 110.046, 303.620



45, 3.682, 238.345



46, 40.114, 264.125



11, 14.981, 254.108

Inverse Universe

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



49, 80.959, 348.698



56, 89.419, 349.031



77, 78.368, 90.604



44, 6.391, 336.884



39, 67.997, 348.383



7, 28.545, 344.182

Previews

White Background



This preview shows how the CIELCh color 58, 48.234, 264.766 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, 48.234, 264.766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

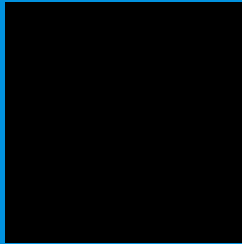
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

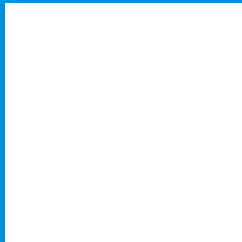
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 48.234, 264.766

Background



This preview shows how black text looks on a background with the CIELCh color 58, 48.234, 264.766.




This preview shows how white text looks on a background with the CIELCh color 58, 48.234, 264.766.

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



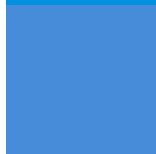


Tritanopia
58, 33.242, 207.621

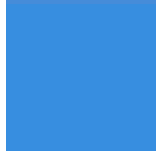
Trichromacy



Original Color
58, 48.222, 264.799



Protanomaly
57, 45.920, 273.286



Deuteranomaly
58, 49.101, 272.164



Tritanomaly
58, 34.494, 233.001

Monochromacy



Original Color
58, 48.222, 264.799



Achromatopsia
47, 0.006, 296.813



Achromatomaly
50, 22.401, 245.824

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 48.234, 264.766 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, 146, 223)` looks like.

```
.text, #text, p{  
    color:rgb(1, 146, 223)  
}
```

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, 146, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 146, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 48.234, 264.766 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, 146, 223) }
```

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

```
.border{ border-color:rgb(1, 146, 223) }
```

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

Here you see how a box with a 4 pixel rgb(1, 146, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 146, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 146, 223);  
box-shadow:4px 4px 4px 4px rgb(1, 146,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 48.234, 264.766 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 146, 223) }
```

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

```
.background{ background-color: rgb(1, 146,  
223) }
```

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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