

Converting Colors

CIELCh(57, 47.185, 264.509)

Have a look what the booklet for
CIELCh(57, 47.185, 264.509)
contains.

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Color

CIELCh(57, 46.792, 263.895)

Conversions

Conversions Part 1

Format	Color
Hex	0390DA
RGB	3, 144, 218
RGB Percent	1%, 56%, 85%
CMY	0.9867, 0.4365, 0.1464
CMYK	0.98, 0.34, 0.00, 0.15
HSL	201°, 97%, 43%
HSV	201°, 98%, 85%
XYZ	22.5820, 24.9227, 69.7263
YIQ	110.2770, -107.7900, -6.8780

Conversions

Conversions Part 2

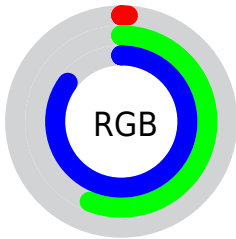
Format	Color
R _Y B	3, 88, 218
Decimal	233690
CIE Lab	57.00, -4.98, -46.53
CIE LCh	57, 46.792, 263.895
Yxy	24.9227, 0.1926, 0.2126
Android (android.graphics.Color)	4278423770 (0xFF0390DA)
YUV	110.2770, 53.1074, -94.0819
Hunter-Lab	49.9226, -6.6218, -47.8638

Details

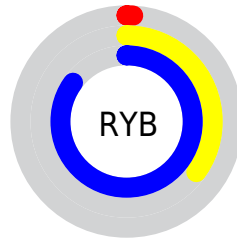
The CIELCh color **57, 46.792, 263.895** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **52, 81.142, 49.597**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **76, 38.335, 252.019**, and **39, 43.846, 274.938** is the 20% darker color. If you saturate the color by 10%, you get **57, 47.311, 264.667**, and if you desaturate by 10%, it is **59, 43.557, 258.843**.

Distribution



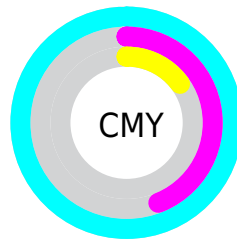
- Red (1%)
- Green (56%)
- Blue (85%)



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



- Cyan (98%)
- Magenta (34%)
- Yellow (0%)
- Black (15%)





- Cyan (99%)
- Magenta (44%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 57, 46.792, 263.895 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, 46.792, 263.895 by changing the saturation by 10% instead.


 57, 46.792,
263.895


 57, 46.792,
263.895


 100, 46.792,
263.895


 47, 46.792,
263.895


 77, 46.792,
263.895

 37, 46.792,
263.895

 87, 46.792,
263.895

 27, 46.792,
263.895

 97, 46.792,
263.895

 17, 46.792,
263.895

 7, 46.792, 263.895

 0, 46.792, 263.895

■ 57, 46.792,
263.895

■ 57, 46.792,
263.895

■ 57, 47.311,
264.667

■ 59, 43.557,
258.843

■ 62, 40.192,
254.278

■ 65, 36.505,
250.359

■ 68, 32.388,
247.090

■ 71, 27.799,
244.415

■ 74, 22.751,
242.251

■ 77, 17.286,
240.511

■ 80, 11.464,

239.122

■ 84, 5.351, 238.044

Harmonies

Complementary

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



57, 46.792, 263.895



52, 81.142, 49.597

Rectangle

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



57, 46.792, 263.895



57, 46.792, 313.895



57, 46.792, 83.895



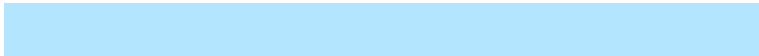
57, 46.792, 133.895

Sweetspot

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



57, 46.791, 263.896



88, 20.634, 240.800



76, 91.522, 142.267



45, 13.922, 241.522



0, 0.000, 0.000



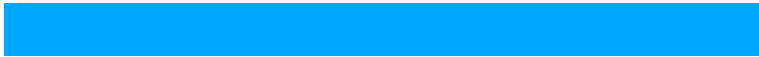
53, 0.007, 296.813

Same Dimension

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



57, 46.791, 263.896



66, 53.629, 265.172



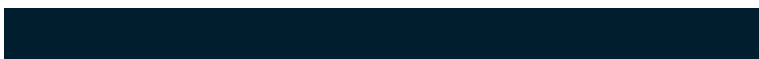
31, 106.949, 303.377



44, 3.612, 238.135



46, 39.537, 263.795



10, 14.386, 253.163

Inverse Universe

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



48, 79.502, 348.275



56, 89.500, 348.898



75, 76.735, 90.757



43, 6.279, 336.811



38, 67.342, 348.224



6, 27.219, 343.924

Previews

White Background



This preview shows how the CIE LCh color 57, 46.792, 263.895 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, 46.792, 263.895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

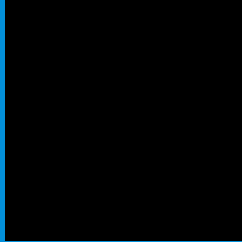
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

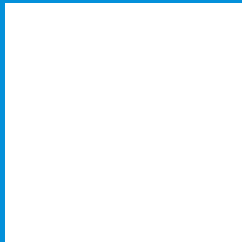
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 46.792, 263.895

Background



This preview shows how black text looks on a background with the CIELCh color 57, 46.792, 263.895.



This preview shows how white text looks on a background with the CIELCh color 57, 46.792, 263.895.

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, 32.756, 207.831

Trichromacy



Original Color
57, 46.819, 263.825

Protanomaly
56, 44.333, 272.909

Deuteranomaly
57, 47.999, 272.487

Tritanomaly
57, 33.892, 232.679

Monochromacy



Original Color
57, 46.819, 263.825

Achromatopsia
46, 0.006, 296.813

Achromatomaly
49, 21.891, 245.170

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 46.792, 263.895 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(3, 144, 218)` looks like.

```
.text, #text, p{  
    color:rgb(3, 144, 218)  
}
```

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(3, 144, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 144, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 46.792, 263.895 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(3, 144, 218) }
```

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

```
.border{ border-color:rgb(3, 144, 218) }
```

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

Here you see how a box with a 4 pixel rgb(3, 144, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 144, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 144, 218);  
box-shadow:4px 4px 4px 4px rgb(3, 144,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 46.792, 263.895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 144, 218) }
```

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

```
.background{ background-color: rgb(3, 144,  
218) }
```

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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