

Converting Colors

CIELCh(57, 47.830, 265.128)

Have a look what the booklet for
CIELCh(57, 47.830, 265.128)
contains.

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Color

CIELCh(57, 48.125, 265.557)

Conversions

Conversions Part 1

Format	Color
Hex	038FDC
RGB	3, 143, 220
RGB Percent	1%, 56%, 86%
CMY	0.9865, 0.4382, 0.1362
CMYK	0.98, 0.35, 0.00, 0.14
HSL	201°, 97%, 44%
HSV	201°, 98%, 86%
XYZ	22.8562, 24.9227, 71.5052
YIQ	109.9180, -108.1570, -5.7330

Conversions

Conversions Part 2

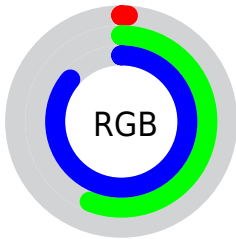
Format	Color
R _Y B	3, 88, 220
Decimal	233436
CIE Lab	57.00, -3.73, -47.98
CIE LCh	57, 48.125, 265.557
Yxy	24.9227, 0.1916, 0.2089
Android (android.graphics.Color)	4278423516 (0xFF038FDC)
YUV	109.9180, 54.2704, -93.7671
Hunter-Lab	49.9226, -5.6415, -49.9765

Details

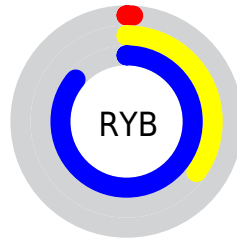
The CIELCh color **57, 48.125, 265.557** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **53, 81.445, 50.159**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **76, 38.741, 254.140**, and **39, 44.929, 276.177** is the 20% darker color. If you saturate the color by 10%, you get **57, 48.683, 266.331**, and if you desaturate by 10%, it is **59, 44.660, 260.492**.

Distribution



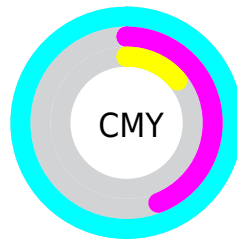
- Red (1%)
- Green (56%)
- Blue (86%)



- Red (1%)
- Yellow (35%)
- Blue (86%)



- Cyan (98%)
- Magenta (35%)
- Yellow (0%)
- Black (14%)





- Cyan (99%)
- Magenta (44%)
- Yellow (14%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 48.125, 265.557 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, 48.125, 265.557 by changing the saturation by 10% instead.


 57, 48.125,
265.557

 57, 48.125,
265.557

 100, 48.125,
265.557


 47, 48.125,
265.557


 77, 48.125,
265.557

 37, 48.125,
265.557

 87, 48.125,
265.557

 27, 48.125,
265.557

 97, 48.125,
265.557

 17, 48.125,
265.557

 7, 48.125, 265.557

 0, 48.125, 265.557

■ 57, 48.125,
265.557

■ 57, 48.125,
265.557

■ 57, 48.683,
266.331

■ 59, 44.660,
260.492

■ 62, 41.092,
255.891

■ 65, 37.229,
251.923

■ 68, 32.961,
248.601

■ 71, 28.242,
245.871

■ 74, 23.080,
243.655

■ 78, 17.514,
241.867

■ 81, 11.604,

240.434

■ 85, 5.410, 239.315

Harmonies

Complementary

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



57, 48.125, 265.557



53, 81.445, 50.159

Rectangle

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



57, 48.125, 265.557



57, 48.125, 315.557



57, 48.125, 85.557



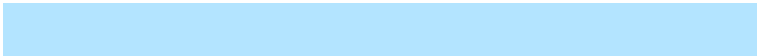
57, 48.125, 135.557

Sweetspot

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



57, 48.124, 265.558



88, 20.714, 242.162



77, 91.182, 142.826



45, 13.983, 242.903



0, 0.000, 0.000



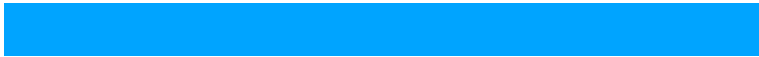
53, 0.007, 296.813

Same Dimension

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



57, 48.124, 265.558



65, 54.684, 266.795



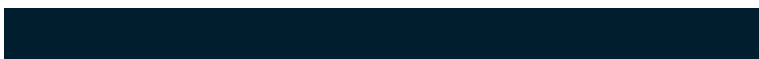
31, 109.616, 303.836



44, 3.619, 239.410



45, 40.281, 265.421



10, 14.563, 254.747

Inverse Universe

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



49, 79.764, 349.095



56, 89.010, 349.727



77, 78.134, 92.120



43, 6.234, 337.253



38, 66.970, 349.022



6, 27.049, 344.545

Previews

White Background



This preview shows how the CIELCh color 57, 48.125, 265.557 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, 48.125, 265.557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

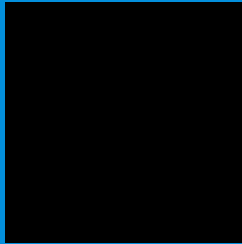
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 57, 48.125, 265.557

Background



This preview shows how black text looks on a background with the CIELCh color 57, 48.125, 265.557.



This preview shows how white text looks on a background with the CIELCh color 57, 48.125, 265.557.

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, 48.112, 265.592

Protanomaly
56, 46.431, 274.398

Deuteranomaly
57, 49.107, 272.840

Tritanomaly
57, 34.084, 233.667

Monochromacy



Original Color
57, 48.112, 265.592

Achromatopsia
46, 0.006, 296.813

Achromatomaly
49, 22.244, 246.463

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 48.125, 265.557 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, 143, 220)` looks like.

```
.text, #text, p{  
    color:rgb(3, 143, 220)  
}
```

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, 143, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 143, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 48.125, 265.557 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, 143, 220) }
```

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

```
.border{ border-color:rgb(3, 143, 220) }
```

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

Here you see how a box with a 4 pixel rgb(3, 143, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 143, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 143, 220);  
box-shadow:4px 4px 4px 4px rgb(3, 143,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 48.125, 265.557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 143, 220) }
```

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

```
.background{ background-color: rgb(3, 143,  
220) }
```

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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