

Converting Colors

CIELCh(57, 48.869, 269.795)

Have a look what the booklet for
CIELCh(57, 48.869, 269.795)
contains.

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Color

CIELCh(57, 48.692, 269.499)

Conversions

Conversions Part 1

Format	Color
Hex	278EDE
RGB	39, 142, 222
RGB Percent	15%, 56%, 87%
CMY	0.8461, 0.4446, 0.1310
CMYK	0.82, 0.36, 0.00, 0.13
HSL	206°, 73%, 51%
HSV	206°, 82%, 87%
XYZ	23.5922, 24.9227, 72.3846
YIQ	120.3230, -87.0680, 3.0440

Conversions

Conversions Part 2

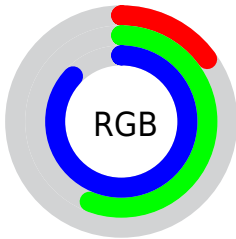
Format	Color
R_{YB}	39, 105, 222
Decimal	2592478
CIE _{Lab}	57.00, -0.43, -48.69
CIE _{LCh}	57, 48.692, 269.499
Yxy	24.9227, 0.1951, 0.2061
Android (android.graphics.Color)	4280782558 (0xFF278EDE)
YUV	120.3230, 50.1268, -71.3203
Hunter-Lab	49.9226, -3.0098, -51.0209

Details

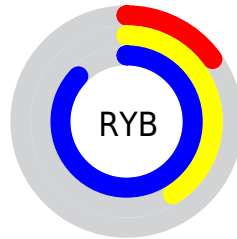
The CIELCh color **57, 48.692, 269.499** is a dark color, and the websafe version is hex **0099FF**. The color can be described as dark washed azure. A complement of this color would be **61, 67.526, 59.129**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **76, 37.832, 257.900**, and **39, 46.571, 277.790** is the 20% darker color. If you saturate the color by 10%, you get **54, 53.845, 274.234**, and if you desaturate by 10%, it is **60, 43.530, 265.207**.

Distribution



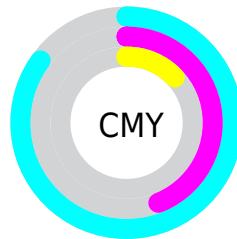
- Red (15%)
- Green (56%)
- Blue (87%)



- Red (15%)
- Yellow (41%)
- Blue (87%)



- Cyan (82%)
- Magenta (36%)
- Yellow (0%)
- Black (13%)



- Cyan (85%)
- Magenta (44%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 48.692, 269.499 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, 48.692, 269.499 by changing the saturation by 10% instead.

■ 57, 48.692,
269.499

■ 57, 48.692,
269.499

■ 100, 48.692,
269.499

■ 47, 48.692,
269.499

■ 77, 48.692,
269.499

■ 37, 48.692,
269.499

■ 87, 48.692,
269.499

■ 27, 48.692,
269.499

■ 97, 48.692,
269.499

■ 17, 48.692,
269.499

■ 7, 48.692, 269.499

■ 0, 48.692, 269.499

■ 57, 48.692,
269.499

■ 57, 48.692,
269.499

■ 54, 53.845,
274.234

■ 60, 43.530,
265.207

■ 52, 57.928,
277.963

■ 64, 38.230,
261.458

■ 68, 32.707,
258.269

■ 71, 26.924,
255.600

■ 75, 20.885,
253.386

■ 79, 14.615,
251.558

■ 83, 8.152, 250.059

■ 87, 1.540, 249.027

Harmonies

Complementary

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



57, 48.692, 269.499



61, 67.526, 59.129

Rectangle

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



57, 48.692, 269.499



57, 48.692, 319.499



57, 48.692, 89.499



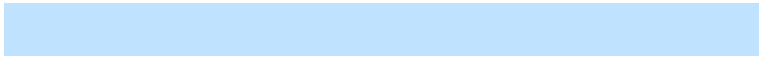
57, 48.692, 139.499

Sweetspot

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



57, 48.691, 269.500



89, 18.299, 252.053



78, 76.102, 149.573



46, 12.425, 252.695



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, 48.691, 269.500



59, 64.266, 277.902



34, 101.891, 302.674



44, 3.745, 249.688



41, 47.530, 277.091



8, 16.420, 266.656

Inverse Universe

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



51, 74.424, 351.300



55, 85.785, 356.723



83, 77.950, 99.434



43, 5.879, 341.181



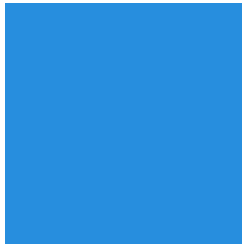
37, 64.509, 356.111



6, 25.792, 350.102

Previews

White Background



This preview shows how the CIE LCh color 57, 48.692, 269.499 looks on a white background.

Color Contrast Check

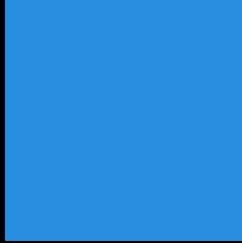
Large Text (above 18pt) WCAG AA ✓ Pass

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, 48.692, 269.499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

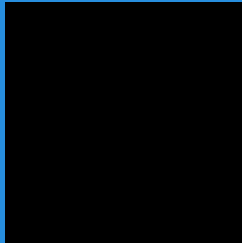
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

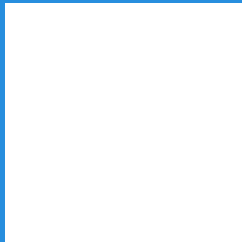
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 57, 48.692, 269.499

Background



This preview shows how black text looks on a background with the CIELCh color 57, 48.692, 269.499.



This preview shows how white text looks on a background with the CIELCh color 57, 48.692, 269.499.

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, 48.725, 269.397

Protanomaly
56, 47.361, 278.557

Deuteranomaly
57, 49.111, 275.105

Tritanomaly
57, 33.892, 235.179

Monochromacy



Original Color
57, 48.725, 269.397

Achromatopsia
50, 0.007, 296.813

Achromatomaly
52, 20.276, 255.410

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 48.692, 269.499 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(39, 142, 222)` looks like.

```
.text, #text, p{  
    color:rgb(39, 142, 222)  
}
```

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(39, 142, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 142, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 48.692, 269.499 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(39, 142, 222) }
```

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

```
.border{ border-color:rgb(39, 142, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 142, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 142, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 142, 222);  
box-shadow:4px 4px 4px 4px rgb(39, 142,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 48.692, 269.499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 142, 222) }
```

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

```
.background{ background-color: rgb(39, 142,  
222) }
```

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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