

Converting Colors

CIELCh(47, 54.839, 278.383)

Have a look what the booklet for
CIELCh(47, 54.839, 278.383)
contains.

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Color

CIELCh(47, 54.519, 278.257)

Conversions

Conversions Part 1

Format	Color
Hex	0071CB
RGB	0, 113, 203
RGB Percent	0%, 44%, 80%
CMY	1.0000, 0.5582, 0.2054
CMYK	1.00, 0.44, 0.00, 0.21
HSL	207°, 100%, 40%
HSV	207°, 100%, 79%
XYZ	16.5814, 16.0195, 58.4827
YIQ	89.4730, -96.2380, 4.0340

Conversions

Conversions Part 2

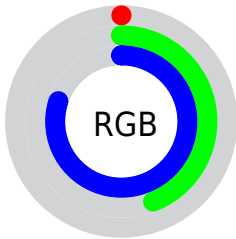
Format	Color
RYB	0, 73, 203
Decimal	29131
CIELab	47.00, 7.83, -53.95
CIELCh	47, 54.519, 278.257
Yxy	16.0195, 0.1820, 0.1759
Android (android.graphics.Color)	4278219211 (0xFF0071CB)
YUV	89.4730, 55.9688, -78.4678
Hunter-Lab	40.0243, 3.9070, -58.6164

Details

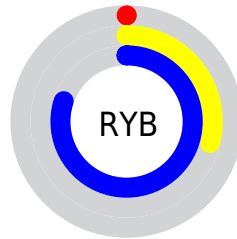
The CIELCh color **47, 54.519, 278.257** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **52, 73.683, 55.957**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **67, 51.818, 276.736**, and **29, 52.542, 288.135** is the 20% darker color. If you saturate the color by 10%, you get **47, 54.503, 278.321**, and if you desaturate by 10%, it is **50, 49.496, 273.556**.

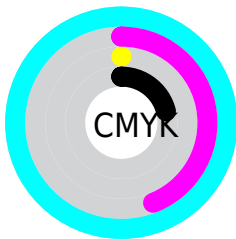
Distribution



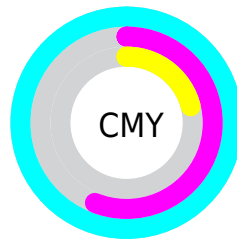
- Red (0%)
- Green (44%)
- Blue (80%)



- Red (0%)
- Yellow (29%)
- Blue (80%)



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (21%)




- Cyan (100%)
- Magenta (56%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 47, 54.519, 278.257 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 47, 54.519, 278.257 by changing the saturation by 10% instead.


 47, 54.519,
278.257


 47, 54.519,
278.257


 100, 54.519,
278.257

 37, 54.519,
278.257

 67, 54.519,
278.257


 27, 54.519,
278.257

 77, 54.519,
278.257

 17, 54.519,
278.257

 87, 54.519,
278.257

 7, 54.519, 278.257

 97, 54.519,
278.257

 0, 54.519, 278.257

 47, 54.519,

 47, 54.519,

278.257

■ 47, 54.503,
278.321

278.257

■ 50, 49.496,
273.556

■ 53, 44.615,
268.967

■ 56, 39.703,
264.843

■ 59, 34.650,
261.262

■ 63, 29.390,
258.223

■ 66, 23.900,
255.682

■ 70, 18.186,
253.571

■ 74, 12.275,
251.826

Harmonies

Complementary

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



47, 54.519, 278.257



52, 73.683, 55.957

Rectangle

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



47, 54.519, 278.257



47, 54.519, 328.257



47, 54.519, 98.257



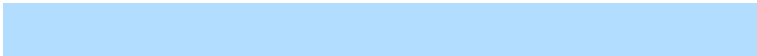
47, 54.519, 148.257

Sweetspot

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



47, 54.503, 278.321



86, 21.905, 253.649



72, 80.214, 145.885



44, 14.856, 254.509



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



47, 54.503, 278.321



59, 65.616, 279.024



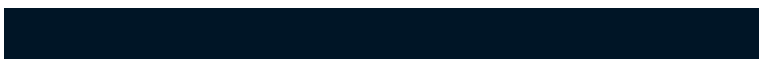
26, 109.589, 305.556



41, 3.540, 250.323



39, 46.340, 277.565



6, 14.112, 265.550

Inverse Universe

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



44, 72.189, 357.037



55, 85.682, 357.586



76, 77.643, 98.396



40, 5.518, 341.448



36, 62.310, 356.462



4, 20.541, 349.977

Previews

White Background



This preview shows how the CIE LCh color 47, 54.519, 278.257 looks on a white 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

Black Background



This preview shows how the CIE LCh color 47, 54.519, 278.257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

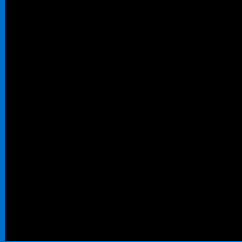
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 47, 54.519, 278.257

Background



This preview shows how black text looks on a background with the CIELCh color 47, 54.519, 278.257.



This preview shows how white text looks on a background with the CIELCh color 47, 54.519, 278.257.

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
47, 28.464, 206.299

Trichromacy



Original Color
47, 54.519, 278.257

Protanomaly
47, 53.949, 282.091

Deuteranomaly
47, 53.471, 277.558

Tritanomaly
47, 31.585, 243.667

Monochromacy



Original Color
47, 54.519, 278.257

Achromatopsia
38, 0.005, 296.813

Achromatomaly
40, 22.666, 258.725

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 47, 54.519, 278.257 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, 113, 203)` looks like.

```
.text, #text, p{  
    color:rgb(0, 113, 203)  
}
```

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, 113, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 113, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 47, 54.519, 278.257 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, 113, 203) }
```

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

```
.border{ border-color:rgb(0, 113, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 113, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 113, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 113, 203);  
box-shadow:4px 4px 4px 4px rgb(0, 113,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 47, 54.519, 278.257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 113, 203) }
```

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

```
.background{ background-color: rgb(0, 113,  
203) }
```

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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