

Converting Colors

CIELCh(44, 53.601, 279.445)

Have a look what the booklet for
CIELCh(44, 53.601, 279.445)
contains.

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Color

CIELCh(44, 53.177, 279.208)

Conversions

Conversions Part 1

Format	Color
Hex	0069C0
RGB	0, 105, 192
RGB Percent	0%, 41%, 75%
CMY	1.0000, 0.5892, 0.2482
CMYK	1.00, 0.45, 0.00, 0.25
HSL	207°, 100%, 38%
HSV	207°, 100%, 75%
XYZ	14.4943, 13.8382, 51.6111
YIQ	83.5230, -90.5070, 4.7970

Conversions

Conversions Part 2

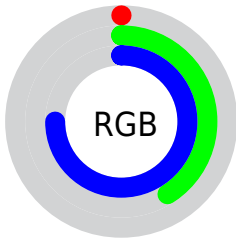
Format	Color
RYB	0, 68, 192
Decimal	27072
CIELab	44.00, 8.51, -52.49
CIELCh	44, 53.177, 279.208
Yxy	13.8382, 0.1813, 0.1731
Android (android.graphics.Color)	4278217152 (0xFF0069C0)
YUV	83.5230, 53.4792, -73.2497
Hunter-Lab	37.1997, 4.4501, -56.2194

Details

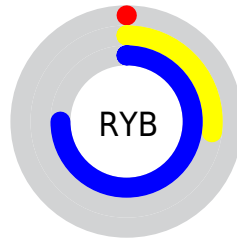
The CIELCh color **44, 53.177, 279.208** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **49, 70.288, 56.827**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 52.954, 278.929**, and **27, 51.340, 289.339** is the 20% darker color. If you saturate the color by 10%, you get **44, 53.166, 279.258**, and if you desaturate by 10%, it is **47, 48.196, 274.574**.

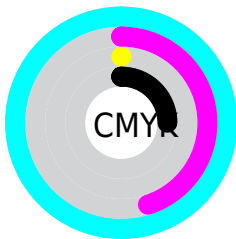
Distribution



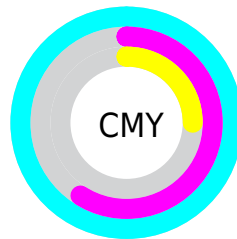
- Red (0%)
- Green (41%)
- Blue (75%)



- Red (0%)
- Yellow (27%)
- Blue (75%)



- Cyan (100%)
- Magenta (45%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (59%)
- Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 44, 53.177, 279.208 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 44, 53.177, 279.208 by changing the saturation by 10% instead.


 44, 53.177,
279.208

 44, 53.177,
279.208

 100, 53.177,
279.208

 34, 53.177,
279.208

 64, 53.177,
279.208

 24, 53.177,
279.208

 74, 53.177,
279.208

 14, 53.177,
279.208

 84, 53.177,
279.208

 4, 53.177, 279.208

 94, 53.177,
279.208

 0, 53.177, 279.208

 44, 53.177,

 44, 53.177,

279.208

279.208

■ 44, 53.166,
279.258

■ 47, 48.196,
274.574

■ 50, 43.360,
270.040

■ 53, 38.511,
265.956

■ 56, 33.548,
262.400

■ 59, 28.407,
259.375

■ 63, 23.066,
256.836

■ 67, 17.529,
254.722

■ 70, 11.819,
252.968

Harmonies

Complementary

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



44, 53.177, 279.208



49, 70.288, 56.827

Rectangle

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



44, 53.177, 279.208



44, 53.177, 329.208



44, 53.177, 99.208



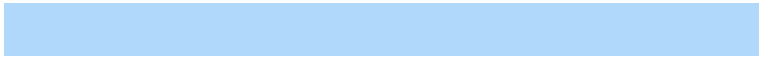
44, 53.177, 149.208

Sweetspot

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



44, 53.166, 279.258



85, 21.726, 254.815



68, 75.619, 146.707



43, 14.739, 255.674



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



44, 53.166, 279.258



57, 65.868, 280.090



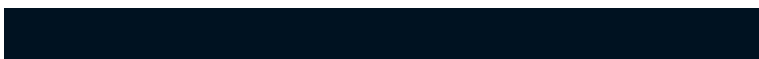
24, 105.752, 305.714



39, 3.414, 251.449



37, 46.079, 278.572



5, 12.195, 265.167

Inverse Universe

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



42, 69.095, 357.772



54, 84.152, 358.447



73, 75.387, 99.577



38, 5.254, 341.933



34, 60.724, 357.231



3, 16.271, 349.531

Previews

White Background



This preview shows how the CIE LCh color 44, 53.177, 279.208 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 44, 53.177, 279.208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

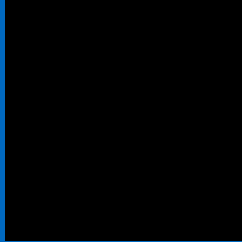
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 44, 53.177, 279.208

Background



This preview shows how black text looks on a background with the CIELCh color 44, 53.177, 279.208.



This preview shows how white text looks on a background with the CIELCh color 44, 53.177, 279.208.

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
44, 26.936, 207.010

Trichromacy



Original Color
44, 53.177, 279.208

Protanomaly
44, 52.724, 282.770

Deuteranomaly
44, 51.021, 277.501

Tritanomaly
44, 30.353, 245.351

Monochromacy



Original Color
44, 53.177, 279.208

Achromatopsia
35, 0.005, 296.813

Achromatomaly
37, 22.426, 261.206

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 44, 53.177, 279.208 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, 105, 192)` looks like.

```
.text, #text, p{  
    color:rgb(0, 105, 192)  
}
```

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, 105, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 105, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 44, 53.177, 279.208 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, 105, 192) }
```

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

```
.border{ border-color:rgb(0, 105, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 105, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 105, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 105, 192);  
box-shadow:4px 4px 4px 4px rgb(0, 105,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 44, 53.177, 279.208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 105, 192) }
```

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

```
.background{ background-color: rgb(0, 105,  
192) }
```

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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