

Converting Colors

CIELCh(38, 63.740, 261.084)

Have a look what the booklet for
CIELCh(38, 63.740, 261.084)
contains.

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Color

CIELCh(43, 56.038, 281.836)

Conversions

Conversions Part 1

Format	Color
Hex	0065C1
RGB	0, 101, 193
RGB Percent	0%, 40%, 76%
CMY	0.9998, 0.6039, 0.2431
CMYK	1.00, 0.48, 0.00, 0.24
HSL	209°, 100%, 38%
HSV	209°, 100%, 76%
XYZ	14.2796, 13.1578, 52.2398
YIQ	81.2890, -89.7280, 7.2000

Conversions

Conversions Part 2

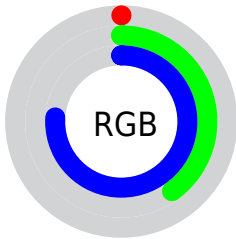
Format	Color
RYB	0, 66, 193
Decimal	26049
CIELab	43.00, 11.49, -54.85
CIELCh	43, 56.038, 281.836
Yxy	13.1578, 0.1792, 0.1651
Android (android.graphics.Color)	4278216129 (0xFF0065C1)
YUV	81.2890, 55.0735, -71.2905
Hunter-Lab	36.2736, 6.7898, -59.9955

Details

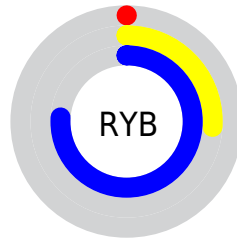
The CIELCh color **43, 56.038, 281.836** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **51, 69.860, 58.603**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 56.073, 281.996**, and **26, 54.016, 291.231** is the 20% darker color. If you saturate the color by 10%, you get **43, 56.052, 281.848**, and if you desaturate by 10%, it is **46, 50.595, 277.262**.

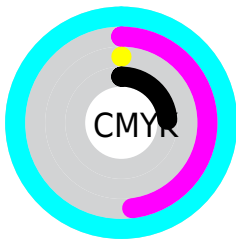
Distribution



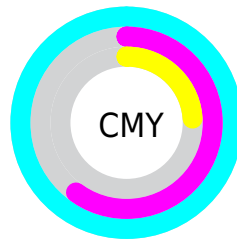
- Red (0%)
- Green (40%)
- Blue (76%)



- Red (0%)
- Yellow (26%)
- Blue (76%)



- Cyan (100%)
- Magenta (48%)
- Yellow (0%)
- Black (24%)





- Cyan (100%)
- Magenta (60%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 56.038, 281.836 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 43, 56.038, 281.836 by changing the saturation by 10% instead.


 43, 56.038,
281.836


 43, 56.038,
281.836


 100, 56.038,
281.836


 33, 56.038,
281.836

 63, 56.038,
281.836


 23, 56.038,
281.836

 73, 56.038,
281.836

 13, 56.038,
281.836

 83, 56.038,
281.836

 3, 56.038, 281.836

 93, 56.038,
281.836

 0, 56.038, 281.836

 43, 56.038,

 43, 56.038,

281.836

281.836

■ 43, 56.052,
281.848

■ 46, 50.595,
277.262

■ 49, 45.316,
272.801

■ 52, 40.071,
268.753

■ 56, 34.761,
265.204

■ 59, 29.324,
262.167

■ 63, 23.730,
259.604

■ 67, 17.978,
257.459

■ 70, 12.087,
255.669

Harmonies

Complementary

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



43, 56.038, 281.836



51, 69.860, 58.603

Rectangle

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



43, 56.038, 281.836



43, 56.038, 331.836



43, 56.038, 101.836



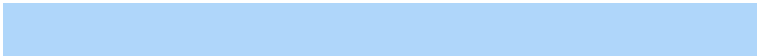
43, 56.038, 151.836

Sweetspot

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



43, 56.038, 281.838



84, 22.182, 257.556



69, 74.785, 147.462



43, 15.067, 258.428



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



43, 56.038, 281.838



55, 69.110, 282.632



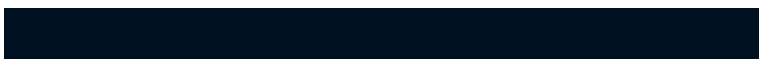
24, 107.015, 305.905



39, 3.469, 254.112



36, 48.291, 281.159



5, 12.505, 267.375

Inverse Universe

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



42, 69.011, 359.938



54, 83.676, 0.650



74, 76.670, 100.705



38, 5.172, 343.138



34, 60.334, 359.347



3, 16.042, 350.938

Previews

White Background



This preview shows how the CIE LCh color 43, 56.038, 281.836 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 43, 56.038, 281.836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

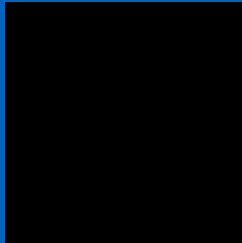
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 56.038, 281.836

Background



This preview shows how black text looks on a background with the CIELCh color 43, 56.038, 281.836.



This preview shows how white text looks on a background with the CIELCh color 43, 56.038, 281.836.

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



Original Color


43, 56.038, 281.836

Protanopia

43, 55.408, 286.996

Deuteranopia

43, 48.450, 276.329



Tritanopia
43, 26.660, 205.798

Trichromacy



Original Color
43, 56.038, 281.836

Protanomaly
43, 55.751, 284.307

Deuteranomaly
43, 51.133, 278.553

Tritanomaly
43, 30.479, 247.051

Monochromacy



Original Color
43, 56.038, 281.836

Achromatopsia
34, 0.005, 296.813

Achromatomaly
36, 23.263, 264.730

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 56.038, 281.836 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, 101, 193)` looks like.

```
.text, #text, p{  
    color:rgb(0, 101, 193)  
}
```

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, 101, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 101, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 56.038, 281.836 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, 101, 193) }
```

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

```
.border{ border-color:rgb(0, 101, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 101, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 101, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 101, 193);  
box-shadow:4px 4px 4px 4px rgb(0, 101,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 56.038, 281.836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 101, 193) }
```

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

```
.background{ background-color: rgb(0, 101,  
193) }
```

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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