

Converting Colors

CIELCh(43, 60.887, 284.624)

Have a look what the booklet for
CIELCh(43, 60.887, 284.624)
contains.

CIELCh(43, 61.081, 284.821)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(43, 61.081, 284.821)

Conversions

Conversions Part 1

Format	Color
Hex	0163C8
RGB	1, 99, 200
RGB Percent	0%, 39%, 78%
CMY	0.9950, 0.6109, 0.2146
CMYK	0.99, 0.50, 0.00, 0.21
HSL	210°, 99%, 40%
HSV	210°, 99%, 79%
XYZ	14.9557, 13.1578, 56.5600
YIQ	81.2120, -90.8290, 10.6350

Conversions

Conversions Part 2

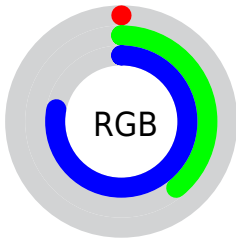
Format	Color
R_{YB}	1, 67, 200
Decimal	91080
CIE _{Lab}	43.00, 15.62, -59.05
CIE _{LCh}	43, 61.081, 284.821
Yxy	13.1578, 0.1766, 0.1554
Android (android.graphics.Color)	4278281160 (0xFF0163C8)
YUV	81.2120, 58.5625, -70.3459
Hunter-Lab	36.2736, 10.1169, -67.0569

Details

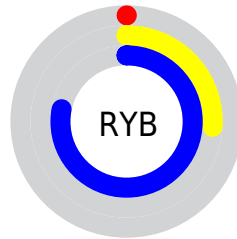
The CIELCh color **43, 61.081, 284.821** is a dark color, and the websafe version is hex **0066CC**. The color can be described as dark washed azure. A complement of this color would be **54, 70.611, 61.157**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 59.731, 284.380**, and **26, 58.996, 293.488** is the 20% darker color. If you saturate the color by 10%, you get **43, 61.483, 285.087**, and if you desaturate by 10%, it is **46, 54.880, 280.372**.

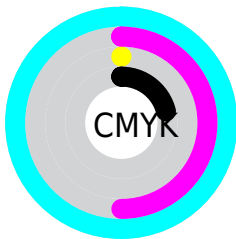
Distribution



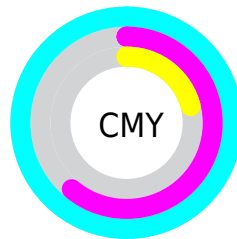
- Red (0%)
- Green (39%)
- Blue (78%)



- Red (0%)
- Yellow (26%)
- Blue (78%)



- Cyan (99%)
- Magenta (50%)
- Yellow (0%)
- Black (21%)





- Cyan (100%)
- Magenta (61%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 61.081, 284.821 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, 61.081, 284.821 by changing the saturation by 10% instead.


 43, 61.081,
284.821


 43, 61.081,
284.821


 100, 61.081,
284.821


 33, 61.081,
284.821

 63, 61.081,
284.821


 23, 61.081,
284.821

 73, 61.081,
284.821

 13, 61.081,
284.821

 83, 61.081,
284.821

 3, 61.081, 284.821

 93, 61.081,
284.821

 0, 61.081, 284.821

 43, 61.081,

 43, 61.081,

284.821

284.821

■ 43, 61.483,
285.087

■ 46, 54.880,
280.372

■ 49, 48.867,
276.030

■ 53, 42.942,
272.061

■ 57, 37.014,
268.561

■ 61, 31.018,
265.546

■ 65, 24.920,
262.989

■ 69, 18.714,
260.835

■ 73, 12.411,
259.029

Harmonies

Complementary

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



43, 61.081, 284.821



54, 70.611, 61.157

Rectangle

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



43, 61.081, 284.821



43, 61.081, 334.821



43, 61.081, 104.821



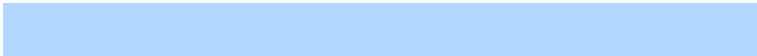
43, 61.081, 154.821

Sweetspot

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



43, 61.081, 284.823



85, 23.243, 261.046



71, 74.164, 149.142



43, 15.814, 261.937



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



43, 61.081, 284.823



54, 74.824, 285.769



24, 111.242, 306.235



40, 3.631, 257.531



35, 52.034, 284.368



5, 14.144, 270.967

Inverse Universe

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



43, 70.457, 2.746



55, 84.552, 3.699



78, 80.664, 102.862



39, 5.175, 344.807



35, 60.661, 2.288



4, 17.783, 353.453

Previews

White Background



This preview shows how the CIE LCh color 43, 61.081, 284.821 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, 61.081, 284.821 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

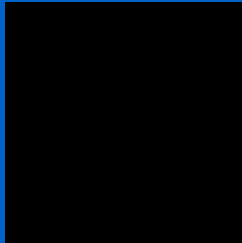
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 61.081, 284.821

Background



This preview shows how black text looks on a background with the CIELCh color 43, 61.081, 284.821.




This preview shows how white text looks on a background with the CIELCh color 43, 61.081, 284.821.

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
43, 26.660, 205.798

Trichromacy



Original Color
43, 61.074, 284.855

Protanomaly
43, 60.931, 286.152

Deuteranomaly
43, 52.206, 279.277

Tritanomaly
43, 31.424, 250.433

Monochromacy



Original Color
43, 61.074, 284.855

Achromatopsia
34, 0.005, 296.813

Achromatomaly
36, 24.290, 266.581

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 61.081, 284.821 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(1, 99, 200)` looks like.

```
.text, #text, p{  
    color:rgb(1, 99, 200)  
}
```

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(1, 99, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 99, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 61.081, 284.821 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(1, 99, 200) }
```

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

```
.border{ border-color:rgb(1, 99, 200) }
```

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

Here you see how a box with a 4 pixel rgb(1, 99, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 99, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 99, 200);  
box-shadow:4px 4px 4px 4px rgb(1, 99, 200)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 43, 61.081, 284.821 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 99, 200) }
```

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

```
.background{ background-color: rgb(1, 99,  
200) }
```

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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