

Converting Colors

CIELCh(43, 54.858, 281.071)

Have a look what the booklet for
CIELCh(43, 54.858, 281.071)
contains.

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Color

CIELCh(43, 54.949, 281.211)

Conversions

Conversions Part 1

Format	Color
Hex	0265BF
RGB	2, 101, 191
RGB Percent	1%, 40%, 75%
CMY	0.9937, 0.6027, 0.2495
CMYK	0.99, 0.47, 0.00, 0.25
HSL	208°, 98%, 38%
HSV	208°, 99%, 75%
XYZ	14.1493, 13.1578, 51.2985
YIQ	81.6590, -87.8940, 7.0020

Conversions

Conversions Part 2

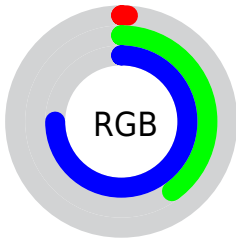
Format	Color
RYB	2, 67, 191
Decimal	157119
CIELab	43.00, 10.68, -53.90
CIELCh	43, 54.949, 281.211
Yxy	13.1578, 0.1800, 0.1674
Android (android.graphics.Color)	4278347199 (0xFF0265BF)
YUV	81.6590, 53.9051, -69.8609
Hunter-Lab	36.2736, 6.1489, -58.4569

Details

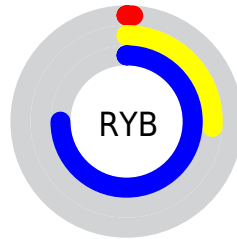
The CIELCh color **43, 54.949, 281.211** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **50, 69.055, 58.620**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 55.066, 281.329**, and **25, 53.509, 291.276** is the 20% darker color. If you saturate the color by 10%, you get **43, 55.410, 281.576**, and if you desaturate by 10%, it is **46, 49.609, 276.609**.

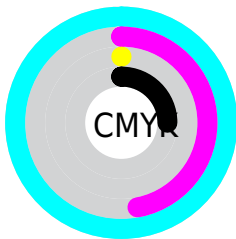
Distribution



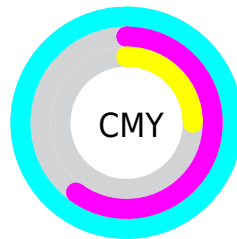
- Red (1%)
- Green (40%)
- Blue (75%)



- Red (1%)
- Yellow (26%)
- Blue (75%)



- Cyan (99%)
- Magenta (47%)
- Yellow (0%)
- Black (25%)





- Cyan (99%)
- Magenta (60%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 54.949, 281.211 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, 54.949, 281.211 by changing the saturation by 10% instead.


 43, 54.949,
281.211


 43, 54.949,
281.211


 100, 54.949,
281.211


 33, 54.949,
281.211

 63, 54.949,
281.211


 23, 54.949,
281.211

 73, 54.949,
281.211

 13, 54.949,
281.211

 83, 54.949,
281.211

 3, 54.949, 281.211

 93, 54.949,
281.211

 0, 54.949, 281.211

 43, 54.949,

 43, 54.949,

281.211

■ 43, 55.410,
281.576

281.211

■ 46, 49.609,
276.609

■ 49, 44.413,
272.173

■ 52, 39.238,
268.163

■ 56, 33.987,
264.659

■ 59, 28.601,
261.666

■ 63, 23.054,
259.144

■ 66, 17.348,
257.034

■ 70, 11.501,
255.276

Harmonies

Complementary

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



43, 54.949, 281.211



50, 69.055, 58.620

Rectangle

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



43, 54.949, 281.211



43, 54.949, 331.211



43, 54.949, 101.211



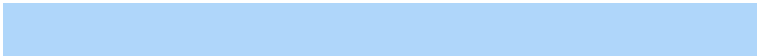
43, 54.949, 151.211

Sweetspot

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



43, 54.949, 281.213



84, 22.136, 257.292



68, 73.926, 147.646



43, 15.034, 258.163



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, 54.949, 281.213



55, 68.787, 282.392



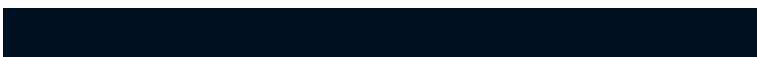
24, 105.941, 305.836



39, 3.464, 253.855



36, 48.071, 280.914



5, 12.474, 267.166

Inverse Universe

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



41, 68.524, 359.403



54, 83.716, 0.433



73, 76.032, 100.735



38, 5.180, 343.018



34, 60.368, 359.137



3, 16.064, 350.800

Previews

White Background



This preview shows how the CIE LCh color 43, 54.949, 281.211 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, 54.949, 281.211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

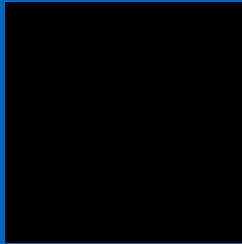
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 54.949, 281.211

Background



This preview shows how black text looks on a background with the CIELCh color 43, 54.949, 281.211.




This preview shows how white text looks on a background with the CIELCh color 43, 54.949, 281.211.

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, 54.932, 281.293

Protanomaly
43, 54.602, 283.971

Deuteranomaly
43, 51.122, 278.598

Tritanomaly
43, 30.117, 246.068

Monochromacy



Original Color
43, 54.932, 281.293

Achromatopsia
35, 0.005, 296.813

Achromatomaly
37, 22.734, 263.624

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 54.949, 281.211 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(2, 101, 191)` looks like.

```
.text, #text, p{  
    color:rgb(2, 101, 191)  
}
```

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(2, 101, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 101, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 54.949, 281.211 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(2, 101, 191) }
```

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

```
.border{ border-color:rgb(2, 101, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 101, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 101, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 101, 191);  
box-shadow:4px 4px 4px 4px rgb(2, 101,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 54.949, 281.211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 101, 191) }
```

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

```
.background{ background-color: rgb(2, 101,  
191) }
```

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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