

Converting Colors

CIELCh(43, 55.011, 281.220)

Have a look what the booklet for
CIELCh(43, 55.011, 281.220)
contains.

CIELCh(43, 54.940, 281.252)	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, 54.940, 281.252)

Conversions

Conversions Part 1

Format	Color
Hex	0365BF
RGB	3, 101, 191
RGB Percent	1%, 40%, 75%
CMY	0.9902, 0.6028, 0.2496
CMYK	0.99, 0.47, 0.00, 0.25
HSL	209°, 97%, 38%
HSV	209°, 99%, 75%
XYZ	14.1552, 13.1578, 51.2822
YIQ	81.9580, -87.2980, 7.2140

Conversions

Conversions Part 2

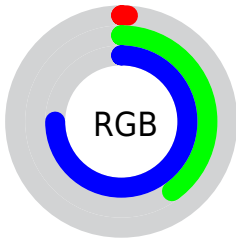
Format	Color
RYB	3, 67, 191
Decimal	222655
CIELab	43.00, 10.72, -53.88
CIELCh	43, 54.940, 281.252
Yxy	13.1578, 0.1801, 0.1674
Android (android.graphics.Color)	4278412735 (0xFF0365BF)
YUV	81.9580, 53.7577, -69.2462
Hunter-Lab	36.2736, 6.1779, -58.4303

Details

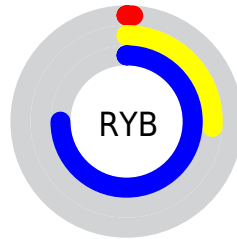
The CIELCh color **43, 54.940, 281.252** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **51, 68.735, 58.906**, and the grayscale version is **35, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 55.029, 281.527**, and **25, 53.509, 291.276** is the 20% darker color. If you saturate the color by 10%, you get **43, 55.664, 281.822**, and if you desaturate by 10%, it is **46, 49.568, 276.652**.

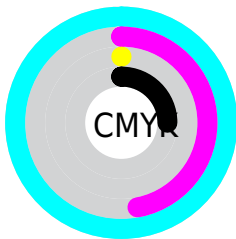
Distribution



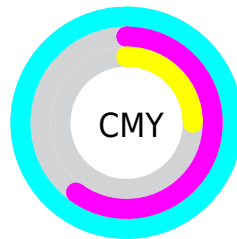
- Red (1%)
- Green (40%)
- Blue (75%)



- 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, 54.940, 281.252 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, 54.940, 281.252 by changing the saturation by 10% instead.


 43, 54.940,
281.252


 43, 54.940,
281.252


 100, 54.940,
281.252

 33, 54.940,
281.252

 63, 54.940,
281.252


 23, 54.940,
281.252

 73, 54.940,
281.252

 13, 54.940,
281.252

 83, 54.940,
281.252

 3, 54.940, 281.252

 93, 54.940,
281.252

 0, 54.940, 281.252

 43, 54.940,

 43, 54.940,

281.252

■ 43, 55.664,
281.822

281.252

■ 46, 49.568,
276.652

■ 49, 44.336,
272.240

■ 52, 39.123,
268.257

■ 56, 33.837,
264.779

■ 59, 28.418,
261.809

■ 63, 22.841,
259.305

■ 67, 17.110,
257.211

■ 70, 11.244,
255.464

Harmonies

Complementary

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



43, 54.940, 281.252



51, 68.735, 58.906

Rectangle

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



43, 54.940, 281.252



43, 54.940, 331.252



43, 54.940, 101.252



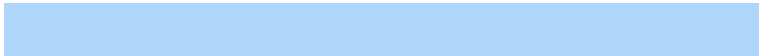
43, 54.940, 151.252

Sweetspot

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



43, 54.940, 281.254



84, 22.183, 257.559



68, 73.707, 147.745



43, 15.068, 258.432



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, 54.940, 281.254



55, 69.115, 282.635



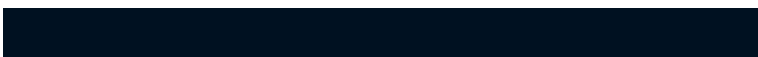
24, 105.709, 305.798



39, 3.469, 254.115



36, 48.294, 281.162



5, 12.505, 267.377

Inverse Universe

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



41, 68.425, 359.444



54, 83.676, 0.653



73, 75.934, 100.752



38, 5.171, 343.139



34, 60.334, 359.349



3, 16.042, 350.939

Previews

White Background



This preview shows how the CIE LCh color 43, 54.940, 281.252 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, 54.940, 281.252 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

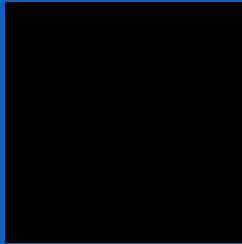
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 54.940, 281.252

Background



This preview shows how black text looks on a background with the CIELCh color 43, 54.940, 281.252.




This preview shows how white text looks on a background with the CIELCh color 43, 54.940, 281.252.

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, 54.923, 281.334

Protanomaly
43, 54.602, 283.971

Deuteranomaly
43, 51.122, 278.598

Tritanomaly
43, 30.117, 246.068

Monochromacy



Original Color
43, 54.923, 281.334

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, 54.940, 281.252 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(3, 101, 191)` looks like.

```
.text, #text, p{  
    color:rgb(3, 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(3, 101, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 101, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 54.940, 281.252 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(3, 101, 191) }
```

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

```
.border{ border-color:rgb(3, 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(3, 101, 191) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 101, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 101, 191);  
box-shadow:4px 4px 4px 4px rgb(3, 101,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 54.940, 281.252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 101, 191) }
```

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

```
.background{ background-color: rgb(3, 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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