

Converting Colors

CIELCh(43, 54.112, 280.334)

Have a look what the booklet for
CIELCh(43, 54.112, 280.334)
contains.

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Color

CIELCh(43, 53.824, 280.308)

Conversions

Conversions Part 1

Format	Color
Hex	0066BE
RGB	0, 102, 190
RGB Percent	0%, 40%, 75%
CMY	1.0000, 0.6009, 0.2559
CMYK	1.00, 0.46, 0.00, 0.26
HSL	208°, 100%, 37%
HSV	208°, 100%, 74%
XYZ	13.9814, 13.1578, 50.3695
YIQ	81.5340, -89.0400, 5.7440

Conversions

Conversions Part 2

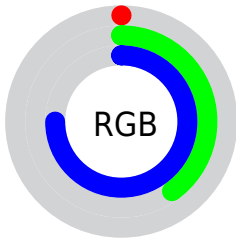
Format	Color
RYB	0, 66, 190
Decimal	26302
CIELab	43.00, 9.63, -52.96
CIElCh	43, 53.824, 280.308
Yxy	13.1578, 0.1804, 0.1698
Android (android.graphics.Color)	4278216382 (0xFF0066BE)
YUV	81.5340, 53.4737, -71.5053
Hunter-Lab	36.2736, 5.3228, -56.9385

Details

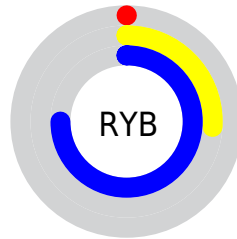
The CIELCh color **43, 53.824, 280.308** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **49, 69.398, 57.618**, and the grayscale version is **34, 0.005, 296.813**.

A 20% lighter version of the original color is **63, 54.013, 280.562**, and **26, 52.210, 290.489** is the 20% darker color. If you saturate the color by 10%, you get **43, 53.814, 280.354**, and if you desaturate by 10%, it is **46, 48.697, 275.724**.

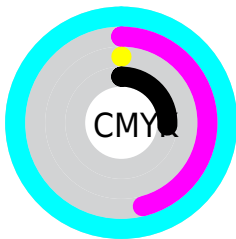
Distribution



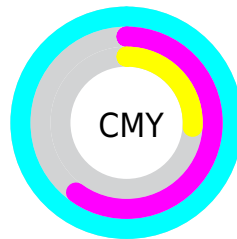
- Red (0%)
- Green (40%)
- Blue (75%)



- Red (0%)
- Yellow (26%)
- Blue (75%)



- Cyan (100%)
- Magenta (46%)
- Yellow (0%)
- Black (26%)





- Cyan (100%)
- Magenta (60%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 53.824, 280.308 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, 53.824, 280.308 by changing the saturation by 10% instead.


 43, 53.824,
280.308


 43, 53.824,
280.308


 100, 53.824,
280.308


 33, 53.824,
280.308

 63, 53.824,
280.308


 23, 53.824,
280.308

 73, 53.824,
280.308

 13, 53.824,
280.308

 83, 53.824,
280.308

 3, 53.824, 280.308

 93, 53.824,
280.308

 0, 53.824, 280.308

 43, 53.824,

 43, 53.824,

280.308

■ 43, 53.814,
280.354

280.308

■ 46, 48.697,
275.724

■ 49, 43.725,
271.227

■ 52, 38.760,
267.163

■ 55, 33.703,
263.614

■ 59, 28.493,
260.586

■ 62, 23.102,
258.039

■ 66, 17.534,
255.912

■ 69, 11.809,
254.143

Harmonies

Complementary

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



43, 53.824, 280.308



49, 69.398, 57.618

Rectangle

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



43, 53.824, 280.308



43, 53.824, 330.308



43, 53.824, 100.308



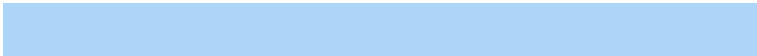
43, 53.824, 150.308

Sweetspot

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



43, 53.814, 280.354



84, 21.736, 256.007



68, 75.009, 146.724



43, 14.877, 256.876



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, 53.814, 280.354



56, 66.696, 281.184



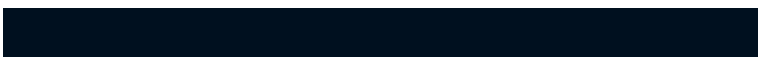
23, 104.912, 305.707



38, 3.362, 252.604



36, 46.416, 279.645



4, 11.139, 265.262

Inverse Universe

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



41, 68.376, 358.666



54, 83.285, 359.368



72, 74.810, 99.580



37, 5.104, 342.445



34, 59.846, 358.084



3, 14.250, 349.458

Previews

White Background



This preview shows how the CIE LCh color 43, 53.824, 280.308 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 CIELCh color 43, 53.824, 280.308 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

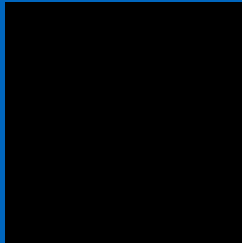
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 53.824, 280.308

Background



This preview shows how black text looks on a background with the CIELCh color 43, 53.824, 280.308.



This preview shows how white text looks on a background with the CIELCh color 43, 53.824, 280.308.

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, 53.824, 280.308

Protanopia

43, 53.027, 286.934

Deuteranopia

43, 48.978, 276.738



Tritanopia
43, 26.660, 205.798

Trichromacy



Original Color
43, 53.824, 280.308

Protanomaly
43, 53.470, 283.523

Deuteranomaly
43, 50.569, 277.913

Tritanomaly
43, 29.836, 244.906

Monochromacy



Original Color
43, 53.824, 280.308

Achromatopsia
34, 0.005, 296.813

Achromatomaly
36, 22.349, 262.019

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 53.824, 280.308 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, 102, 190)` looks like.

```
.text, #text, p{  
    color:rgb(0, 102, 190)  
}
```

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, 102, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 102, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 53.824, 280.308 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, 102, 190) }
```

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

```
.border{ border-color:rgb(0, 102, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 102, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 102, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 102, 190);  
box-shadow:4px 4px 4px 4px rgb(0, 102,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 53.824, 280.308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 102, 190) }
```

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

```
.background{ background-color: rgb(0, 102,  
190) }
```

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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