

Converting Colors

CIELCh(43, 52.668, 290.343)

Have a look what the booklet for
CIELCh(43, 52.668, 290.343)
contains.

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Color

CIELCh(43, 52.801, 290.411)

Conversions

Conversions Part 1

Format	Color
Hex	4760B8
RGB	71, 96, 184
RGB Percent	28%, 38%, 72%
CMY	0.7217, 0.6236, 0.2786
CMYK	0.61, 0.48, 0.00, 0.28
HSL	227°, 44%, 50%
HSV	227°, 61%, 72%
XYZ	15.4242, 13.1578, 47.0557
YIQ	98.5570, -43.1480, 22.0680

Conversions

Conversions Part 2

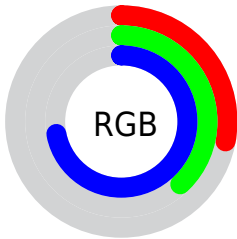
Format	Color
R_{YB}	71, 91, 184
Decimal	4677816
CIE Lab	43.00, 18.41, -49.49
CIE LCh	43, 52.801, 290.411
Yxy	13.1578, 0.2039, 0.1740
Android (android.graphics.Color)	4282867896 (0xFF4760B8)
YUV	98.5570, 42.1234, -24.1675
Hunter-Lab	36.2736, 12.4225, -51.5219

Details

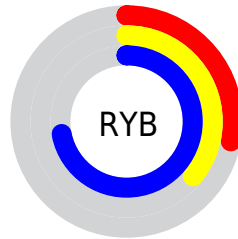
The CIELCh color $43, 52.801, 290.411$ is a dark color, and the websafe version is hex $3366CC$. A complement of this color would be $66, 48.274, 91.598$, and the grayscale version is $42, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 53.094, 290.528$, and $24, 52.081, 291.714$ is the 20% darker color. If you saturate the color by 10%, you get $38, 62.405, 293.282$, and if you desaturate by 10%, it is $48, 43.489, 287.828$.

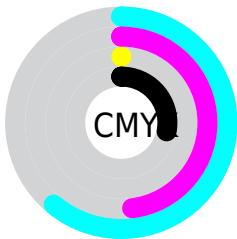
Distribution



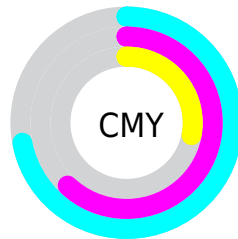
- Red (28%)
- Green (38%)
- Blue (72%)



- Red (28%)
- Yellow (36%)
- Blue (72%)



- Cyan (61%)
- Magenta (48%)
- Yellow (0%)
- Black (28%)





- Cyan (72%)
- Magenta (62%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 52.801, 290.411 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, 52.801, 290.411 by changing the saturation by 10% instead.


 43, 52.801,
290.411


 43, 52.801,
290.411


 100, 52.801,
290.411


 33, 52.801,
290.411

 63, 52.801,
290.411


 23, 52.801,
290.411

 73, 52.801,
290.411

 13, 52.801,
290.411

 83, 52.801,
290.411

 3, 52.801, 290.411

 93, 52.801,
290.411

 0, 52.801, 290.411

 43, 52.801,

 43, 52.801,

290.411

■ 38, 62.405,
293.282

■ 34, 72.176,
296.332

■ 30, 81.768,
299.371

■ 27, 89.389,
301.701

290.411

■ 48, 43.489,
287.828

■ 53, 34.488,
285.564

■ 58, 25.776,
283.610

■ 64, 17.327,
281.936

■ 69, 9.117, 280.507

■ 74, 1.128, 279.397

■ 79, 6.653, 98.169

■ 84, 14.236, 97.259

■ 89, 21.629, 96.459

Harmonies

Complementary

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



43, 52.801, 290.411



66, 48.274, 91.598

Rectangle

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



43, 52.801, 290.411



43, 52.801, 340.411



43, 52.801, 110.411



43, 52.801, 160.411

Sweetspot

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



43, 52.801, 290.412



83, 17.975, 281.465



68, 38.531, 174.127



42, 12.532, 281.901



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



43, 52.801, 290.412



48, 80.640, 294.433



39, 68.522, 305.754



36, 4.503, 280.238



22, 78.038, 301.334



2, 12.941, 282.727

Inverse Universe

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



46, 48.733, 11.326



55, 71.364, 15.938



71, 59.041, 117.133



36, 4.172, 2.449



32, 62.967, 27.000



2, 10.961, 6.207

Previews

White Background



This preview shows how the CIE LCh color 43, 52.801, 290.411 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, 52.801, 290.411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

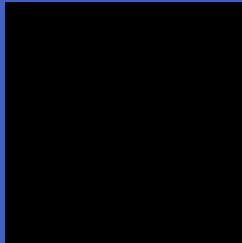
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 52.801, 290.411

Background



This preview shows how black text looks on a background with the CIELCh color 43, 52.801, 290.411.



This preview shows how white text looks on a background with the CIELCh color 43, 52.801, 290.411.

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, 22.206, 211.380

Trichromacy



Original Color
43, 52.801, 290.411

Protanomaly
43, 52.980, 287.987

Deuteranomaly
43, 50.729, 281.375

Tritanomaly
43, 26.432, 256.608

Monochromacy



Original Color
43, 52.801, 290.411

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 19.503, 283.573

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 52.801, 290.411 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(71, 96, 184)` looks like.

```
.text, #text, p{  
    color:rgb(71, 96, 184)  
}
```

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(71, 96, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 96, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 52.801, 290.411 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(71, 96, 184) }
```

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

```
.border{ border-color:rgb(71, 96, 184) }
```

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

Here you see how a box with a 4 pixel rgb(71, 96, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 96, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 96, 184);  
box-shadow:4px 4px 4px 4px rgb(71, 96,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 52.801, 290.411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 96, 184) }
```

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

```
.background{ background-color: rgb(71, 96,  
184) }
```

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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