

Converting Colors

CIELCh(51, 44.153, 293.165)

Have a look what the booklet for
CIELCh(51, 44.153, 293.165)
contains.

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Color

CIELCh(51, 44.241, 293.208)

Conversions

Conversions Part 1

Format	Color
Hex	6D73BF
RGB	109, 115, 191
RGB Percent	43%, 45%, 75%
CMY	0.5726, 0.5491, 0.2510
CMYK	0.43, 0.40, 0.00, 0.25
HSL	236°, 39%, 59%
HSV	236°, 43%, 75%
XYZ	21.8353, 19.2686, 51.8480
YIQ	121.8700, -27.9720, 22.3640

Conversions

Conversions Part 2

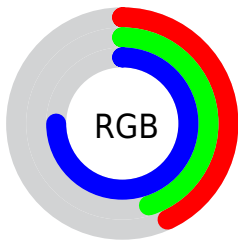
Format	Color
R_{YB}	109, 115, 191
Decimal	7173055
CIE _{Lab}	51.00, 17.43, -40.66
CIE _{LCh}	51, 44.241, 293.208
Yxy	19.2686, 0.2349, 0.2073
Android (android.graphics.Color)	4285363135 (0xFF6D73BF)
YUV	121.8700, 34.0811, -11.2870
Hunter-Lab	43.8960, 11.9737, -39.3034

Details

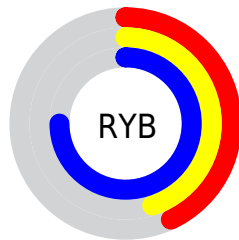
The CIELCh color $51, 44.241, 293.208$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $74, 40.195, 102.650$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 44.235, 293.182$, and $31, 44.370, 293.397$ is the 20% darker color. If you saturate the color by 10%, you get $45, 55.654, 295.294$, and if you desaturate by 10%, it is $57, 33.260, 291.392$.

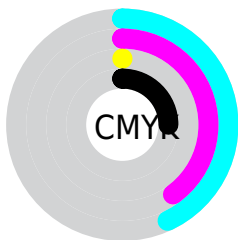
Distribution



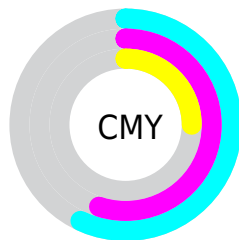
- Red (43%)
- Green (45%)
- Blue (75%)



- Red (43%)
- Yellow (45%)
- Blue (75%)



- Cyan (43%)
- Magenta (40%)
- Yellow (0%)
- Black (25%)



- Cyan (57%)
- Magenta (55%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 51, 44.241, 293.208 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 51, 44.241, 293.208 by changing the saturation by 10% instead.

 51, 44.241,
293.208

 51, 44.241,
293.208

 100, 44.241,
293.208

 41, 44.241,
293.208


 71, 44.241,
293.208

 31, 44.241,
293.208

 81, 44.241,
293.208

 21, 44.241,
293.208

 91, 44.241,
293.208

 11, 44.241,
293.208

 1, 44.241, 293.208

 0, 44.241, 293.208

51, 44.241,
293.208

51, 44.241,
293.208

45, 55.654,
295.294

57, 33.260,
291.392

39, 67.421,
297.618

63, 22.714,
289.834

34, 79.250,
300.076

69, 12.574,
288.508

29, 90.435,
302.455

76, 2.808, 287.400

26, 99.706,
304.451

82, 6.612, 106.387

24, 104.339,
305.419

88, 15.711,
105.567

94, 24.511,
104.856

99, 32.222,
107.726

Harmonies

Complementary

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



51, 44.241, 293.208



74, 40.195, 102.650

Rectangle

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



51, 44.241, 293.208



51, 44.241, 343.208



51, 44.241, 113.208



51, 44.241, 163.208

Sweetspot

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



51, 44.240, 293.208



88, 15.599, 288.541



72, 27.035, 189.349



45, 11.049, 288.820



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



51, 44.240, 293.208



58, 67.436, 295.269



52, 48.832, 308.578



37, 5.421, 288.083



19, 90.093, 305.225



1, 16.515, 288.534

Inverse Universe

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



55, 34.929, 18.320



65, 53.346, 20.376



73, 45.317, 123.994



37, 4.108, 14.001



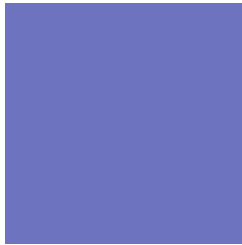
32, 70.021, 36.622



3, 12.297, 15.194

Previews

White Background



This preview shows how the CIELCh color 51, 44.241, 293.208 looks on a white 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

Black Background



This preview shows how the CIE LCh color 51, 44.241, 293.208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

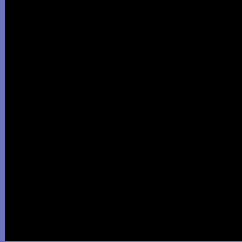
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 44.241, 293.208

Background



This preview shows how black text looks on a background with the CIELCh color 51, 44.241, 293.208.

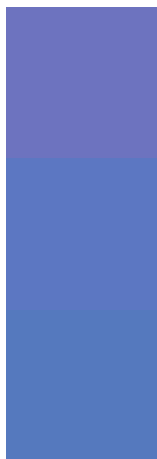


This preview shows how white text looks on a background with the CIELCh color 51, 44.241, 293.208.

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


51, 44.241, 293.208

Protanopia

51, 43.904, 285.576

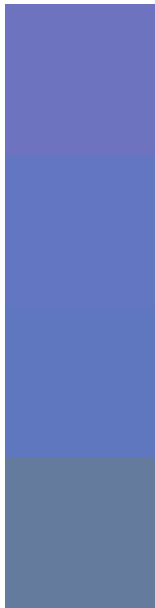
Deuteranopia

51, 40.834, 280.899



Tritanopia
51, 12.658, 225.964

Trichromacy



Original Color
51, 44.241, 293.208

Protanomaly
51, 43.750, 287.945

Deuteranomaly
51, 41.599, 285.309

Tritanomaly
51, 20.956, 271.020

Monochromacy



Original Color
51, 44.241, 293.208

Achromatopsia
51, 0.007, 296.813

Achromatomaly
51, 16.353, 289.707

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 44.241, 293.208 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(109, 115, 191)` looks like.

```
.text, #text, p{  
    color:rgb(109, 115, 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(109, 115, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 115, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 44.241, 293.208 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(109, 115, 191) }
```

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

```
.border{ border-color:rgb(109, 115, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 115, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 115, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 115, 191);  
box-shadow:4px 4px 4px 4px rgb(109, 115,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 44.241, 293.208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 115, 191) }
```

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

```
.background{ background-color: rgb(109,  
115, 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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