

Converting Colors

CIELCh(43, 64.747, 293.715)

Have a look what the booklet for
CIELCh(43, 64.747, 293.715)
contains.

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Color

CIELCh(43, 65.117, 293.924)

Conversions

Conversions Part 1

Format	Color
Hex	445CC9
RGB	68, 92, 201
RGB Percent	27%, 36%, 79%
CMY	0.7322, 0.6384, 0.2108
CMYK	0.66, 0.54, 0.00, 0.21
HSL	229°, 55%, 53%
HSV	229°, 66%, 79%
XYZ	16.8203, 13.1578, 57.0613
YIQ	97.2500, -49.2930, 28.8110

Conversions

Conversions Part 2

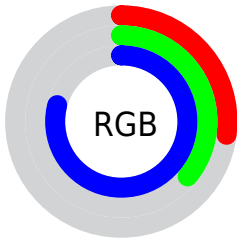
Format	Color
R_{YB}	68, 88, 201
Decimal	4480201
CIE _{Lab}	43.00, 26.41, -59.52
CIE _{LCh}	43, 65.117, 293.924
Yxy	13.1578, 0.1932, 0.1512
Android (android.graphics.Color)	4282670281 (0xFF445CC9)
YUV	97.2500, 51.1487, -25.6522
Hunter-Lab	36.2736, 19.2927, -67.8763

Details

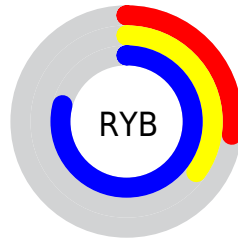
The CIELCh color **43, 65.117, 293.924** is a dark color, and the websafe version is hex **3366CC**. The color can be described as dark muted blue. A complement of this color would be **73, 57.044, 93.833**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 63.061, 293.676**, and **24, 64.447, 296.542** is the 20% darker color. If you saturate the color by 10%, you get **38, 76.167, 296.785**, and if you desaturate by 10%, it is **49, 54.292, 291.272**.

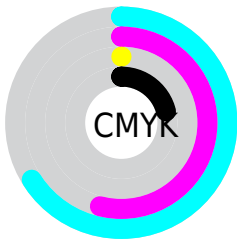
Distribution



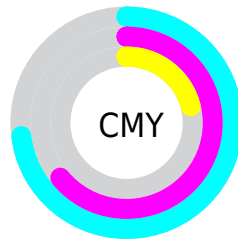
- Red (27%)
- Green (36%)
- Blue (79%)



- Red (27%)
- Yellow (35%)
- Blue (79%)



- Cyan (66%)
- Magenta (54%)
- Yellow (0%)
- Black (21%)





- Cyan (73%)
- Magenta (64%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 65.117, 293.924 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, 65.117, 293.924 by changing the saturation by 10% instead.


 43, 65.117,
293.924


 43, 65.117,
293.924


 100, 65.117,
293.924


 33, 65.117,
293.924


 63, 65.117,
293.924


 23, 65.117,
293.924


 73, 65.117,
293.924

 13, 65.117,
293.924

 83, 65.117,
293.924

 3, 65.117, 293.924

 93, 65.117,
293.924

 0, 65.117, 293.924

 43, 65.117,

 43, 65.117,

293.924

■ 38, 76.167,
296.785

■ 33, 87.058,
299.676

■ 29, 97.009,
302.334

■ 28, 100.464,
303.206

293.924

■ 49, 54.292,
291.272

■ 54, 43.824,
288.909

■ 60, 33.727,
286.854

■ 66, 23.979,
285.089

■ 72, 14.550,
283.582

■ 78, 5.414, 282.306

■ 83, 3.450, 101.128

■ 89, 12.061,
100.202

Harmonies

Complementary

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



43, 65.117, 293.924



73, 57.044, 93.833

Rectangle

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



43, 65.117, 293.924



43, 65.117, 343.924



43, 65.117, 113.924



43, 65.117, 163.924

Sweetspot

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



43, 65.117, 293.925



86, 22.098, 284.188



74, 41.656, 177.733



44, 15.144, 284.622



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



43, 65.117, 293.925



46, 96.357, 297.962



41, 79.297, 307.460



39, 5.039, 282.703



22, 84.934, 302.839



2, 18.830, 286.657

Inverse Universe

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



49, 56.481, 16.077



57, 80.186, 21.455



76, 68.087, 119.181



39, 4.393, 5.594



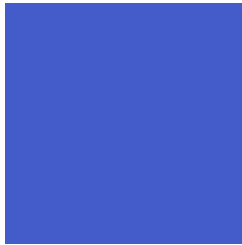
34, 67.104, 30.383



3, 16.129, 10.168

Previews

White Background



This preview shows how the CIE LCh color 43, 65.117, 293.924 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, 65.117, 293.924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

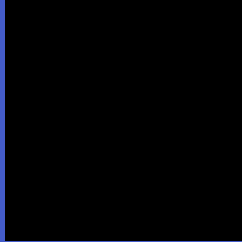
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 65.117, 293.924

Background



This preview shows how black text looks on a background with the CIELCh color 43, 65.117, 293.924.



This preview shows how white text looks on a background with the CIELCh color 43, 65.117, 293.924.

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, 26.372, 208.673

Trichromacy



Original Color
43, 65.117, 293.924

Protanomaly
43, 66.093, 289.077

Deuteranomaly
42, 54.224, 282.732

Tritanomaly
42, 31.823, 257.789

Monochromacy



Original Color
43, 65.117, 293.924

Achromatopsia
41, 0.006, 296.813

Achromatomaly
41, 24.329, 287.251

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 65.117, 293.924 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(68, 92, 201)` looks like.

```
.text, #text, p{  
    color:rgb(68, 92, 201)  
}
```

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(68, 92, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 92, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 65.117, 293.924 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(68, 92, 201) }
```

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

```
.border{ border-color:rgb(68, 92, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 92, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 92, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 92, 201);  
box-shadow:4px 4px 4px 4px rgb(68, 92,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 65.117, 293.924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 92, 201) }
```

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

```
.background{ background-color: rgb(68, 92,  
201) }
```

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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