

Converting Colors

CIELCh(43, 65.391, 297.608)

Have a look what the booklet for
CIELCh(43, 65.391, 297.608)
contains.

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Color

CIELCh(43, 65.640, 297.560)

Conversions

Conversions Part 1

Format	Color
Hex	5459C7
RGB	84, 89, 199
RGB Percent	33%, 35%, 78%
CMY	0.6705, 0.6509, 0.2195
CMYK	0.58, 0.55, 0.00, 0.22
HSL	237°, 51%, 55%
HSV	237°, 58%, 78%
XYZ	17.5429, 13.1578, 55.6601
YIQ	100.0450, -38.2900, 33.1500

Conversions

Conversions Part 2

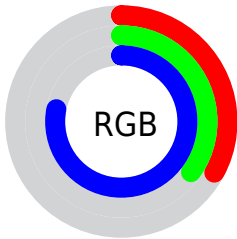
Format	Color
R_{YB}	84, 89, 199
Decimal	5528007
CIE _{Lab}	43.00, 30.37, -58.19
CIE _{LCh}	43, 65.640, 297.560
Yxy	13.1578, 0.2031, 0.1524
Android (android.graphics.Color)	4283718087 (0xFF5459C7)
YUV	100.0450, 48.7848, -14.0715
Hunter-Lab	36.2736, 22.8485, -65.5860

Details

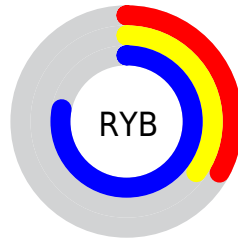
The CIELCh color **43, 65.640, 297.560** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **77, 56.097, 102.714**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 64.785, 297.595**, and **23, 65.329, 297.422** is the 20% darker color. If you saturate the color by 10%, you get **37, 78.250, 299.896**, and if you desaturate by 10%, it is **49, 53.216, 295.396**.

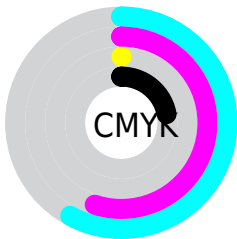
Distribution



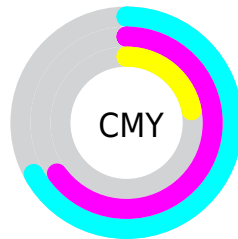
- Red (33%)
- Green (35%)
- Blue (78%)



- Red (33%)
- Yellow (35%)
- Blue (78%)



- Cyan (58%)
- Magenta (55%)
- Yellow (0%)
- Black (22%)





- Cyan (67%)
- Magenta (65%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 65.640, 297.560 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, 65.640, 297.560 by changing the saturation by 10% instead.


 43, 65.640,
297.560


 43, 65.640,
297.560


 100, 65.640,
297.560


 33, 65.640,
297.560

 63, 65.640,
297.560


 23, 65.640,
297.560

 73, 65.640,
297.560

 13, 65.640,
297.560

 83, 65.640,
297.560

 3, 65.640, 297.560

 93, 65.640,
297.560

 0, 65.640, 297.560

 43, 65.640,

 43, 65.640,

297.560

■ 37, 78.250,
299.896

■ 32, 90.423,
302.221

■ 28, 100.918,
304.246

■ 25, 108.077,
305.632

■ 25, 109.129,
305.812

297.560

■ 49, 53.216,
295.396

■ 56, 41.213,
293.479

■ 62, 29.687,
291.822


■ 69, 18.626,
290.408

■ 75, 7.999, 289.211

■ 82, 2.228, 108.141

■ 88, 12.085,
107.298

■ 94, 21.599,
106.553

 99, 28.223,
108.034

Harmonies

Complementary

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



43, 65.640, 297.560



77, 56.097, 102.714

Rectangle

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



43, 65.640, 297.560



43, 65.640, 347.560



43, 65.640, 117.560



43, 65.640, 167.560

Sweetspot

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



43, 65.640, 297.561



87, 21.756, 290.339



74, 34.319, 191.604



44, 14.610, 290.607



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, 65.640, 297.561



47, 97.666, 300.424



47, 68.685, 310.513



38, 5.844, 289.389



19, 93.744, 305.681



1, 20.849, 290.638

Inverse Universe

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



51, 50.599, 23.813



59, 74.999, 27.494



75, 62.240, 124.682



39, 4.281, 16.409



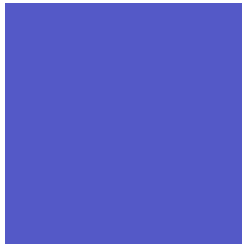
34, 72.915, 38.000



3, 15.905, 17.154

Previews

White Background



This preview shows how the CIELCh color 43, 65.640, 297.560 looks on a white background.

Color Contrast Check

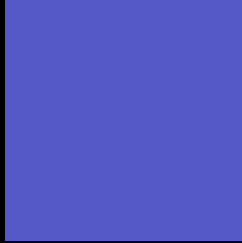
Large Text (above 18pt) WCAG AA ✓ Pass

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, 65.640, 297.560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

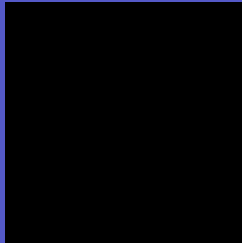
Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

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

CIELCh 43, 65.640, 297.560

Background



This preview shows how black text looks on a background with the CIELCh color 43, 65.640, 297.560.

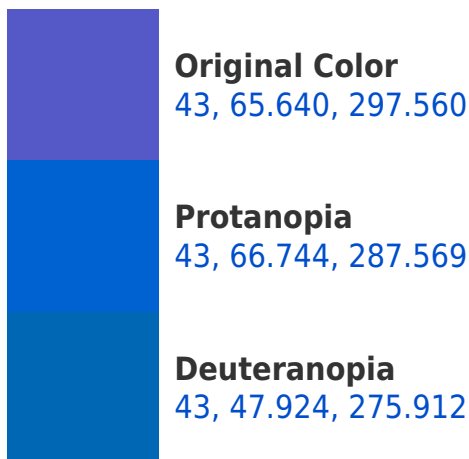



This preview shows how white text looks on a background with the CIELCh color 43, 65.640, 297.560.

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, 19.620, 213.574

Trichromacy



Original Color
43, 65.640, 297.560

Protanomaly
42, 66.714, 289.552

Deuteranomaly
42, 54.169, 283.540

Tritanomaly
42, 29.373, 271.052

Monochromacy



Original Color
43, 65.640, 297.560

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 24.186, 291.991

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 65.640, 297.560 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(84, 89, 199)` looks like.

```
.text, #text, p{  
    color:rgb(84, 89, 199)  
}
```

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(84, 89, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 89, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 65.640, 297.560 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(84, 89, 199) }
```

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

```
.border{ border-color:rgb(84, 89, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 89, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 89, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 89, 199);  
box-shadow:4px 4px 4px 4px rgb(84, 89,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 65.640, 297.560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 89, 199) }
```

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

```
.background{ background-color: rgb(84, 89,  
199) }
```

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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