

Converting Colors

CIELCh(43, 63.379, 296.486)

Have a look what the booklet for
CIELCh(43, 63.379, 296.486)
contains.

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Color

CIELCh(43, 63.325, 296.625)

Conversions

Conversions Part 1

Format	Color
Hex	525AC4
RGB	82, 90, 196
RGB Percent	32%, 35%, 77%
CMY	0.6772, 0.6461, 0.2303
CMYK	0.58, 0.54, 0.00, 0.23
HSL	236°, 49%, 55%
HSV	236°, 58%, 77%
XYZ	17.1774, 13.1578, 54.0248
YIQ	99.6920, -38.7940, 31.2700

Conversions

Conversions Part 2

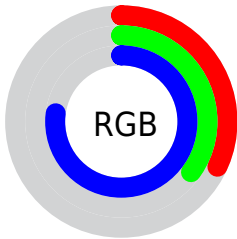
Format	Color
RYB	82, 89, 196
Decimal	5397188
CIELab	43.00, 28.38, -56.61
CIElCh	43, 63.325, 296.625
Yxy	13.1578, 0.2036, 0.1560
Android (android.graphics.Color)	4283587268 (0xFF525AC4)
YUV	99.6920, 47.4798, -15.5159
Hunter-Lab	36.2736, 21.0498, -62.9131

Details

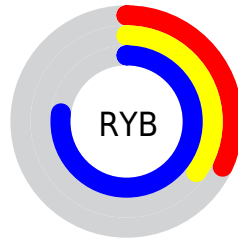
The CIELCh color **43, 63.325, 296.625** is a dark color, and the websafe version is hex **6666CC**. The color can be described as dark muted blue. A complement of this color would be **75, 54.521, 101.333**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **63, 63.102, 296.509**, and **23, 62.896, 296.578** is the 20% darker color. If you saturate the color by 10%, you get **37, 75.491, 299.034**, and if you desaturate by 10%, it is **49, 51.395, 294.410**.

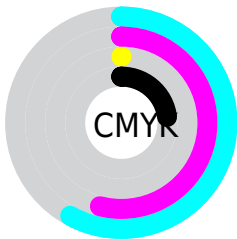
Distribution



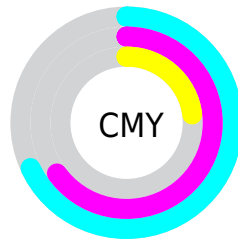
- Red (32%)
- Green (35%)
- Blue (77%)



- Red (32%)
- Yellow (35%)
- Blue (77%)



- Cyan (58%)
- Magenta (54%)
- Yellow (0%)
- Black (23%)





- Cyan (68%)
- Magenta (65%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 63.325, 296.625 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, 63.325, 296.625 by changing the saturation by 10% instead.


 43, 63.325,
296.625


 43, 63.325,
296.625


 100, 63.325,
296.625


 33, 63.325,
296.625

 63, 63.325,
296.625


 23, 63.325,
296.625

 73, 63.325,
296.625

 13, 63.325,
296.625


 83, 63.325,
296.625

 3, 63.325, 296.625

 93, 63.325,
296.625

 0, 63.325, 296.625

 43, 63.325,

 43, 63.325,

296.625

■ 37, 75.491,
299.034

■ 32, 87.387,
301.473

■ 28, 97.957,
303.671

■ 25, 105.689,
305.288

■ 25, 106.768,
305.492

296.625

■ 49, 51.395,
294.410

■ 55, 39.883,
292.454

■ 62, 28.825,
290.765


■ 68, 18.201,
289.323

■ 74, 7.981, 288.101

■ 80, 1.866, 106.993

■ 87, 11.369,
106.139

■ 93, 20.552,
105.374

 99, 29.395,
107.640

Harmonies

Complementary

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



43, 63.325, 296.625



75, 54.521, 101.333

Rectangle

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



43, 63.325, 296.625



43, 63.325, 346.625



43, 63.325, 116.625



43, 63.325, 166.625

Sweetspot

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



43, 63.325, 296.626



87, 21.149, 289.218



73, 34.725, 188.170



45, 14.200, 289.490



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, 63.325, 296.626



47, 96.389, 299.779



45, 68.200, 309.566



38, 5.563, 288.247



19, 91.397, 305.298



1, 18.513, 289.236

Inverse Universe

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



50, 49.863, 21.976



59, 75.178, 26.021



74, 61.285, 123.412



38, 4.199, 14.292



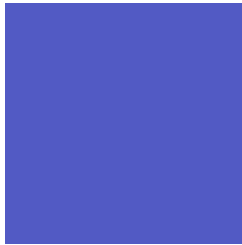
33, 71.036, 36.838



3, 14.043, 15.606

Previews

White Background



This preview shows how the CIE LCh color 43, 63.325, 296.625 looks on a white background.

Color Contrast Check

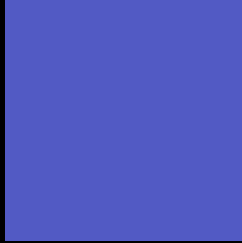
Large Text (above 18pt) WCAG AA ✓ Pass

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, 63.325, 296.625 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

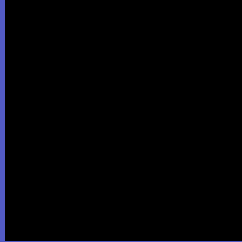
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 63.325, 296.625

Background



This preview shows how black text looks on a background with the CIELCh color 43, 63.325, 296.625.



This preview shows how white text looks on a background with the CIELCh color 43, 63.325, 296.625.

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, 63.325, 296.625

Protanopia

43, 63.711, 287.274

Deuteranopia

43, 48.450, 276.329



Tritanopia
43, 19.838, 213.370

Trichromacy



Original Color
43, 63.325, 296.625

Protanomaly
43, 63.608, 289.778

Deuteranomaly
42, 54.187, 283.442

Tritanomaly
43, 28.462, 268.715

Monochromacy



Original Color
43, 63.325, 296.625

Achromatopsia
42, 0.006, 296.813

Achromatomaly
42, 23.586, 291.862

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 63.325, 296.625 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(82, 90, 196)` looks like.

```
.text, #text, p{  
    color:rgb(82, 90, 196)  
}
```

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(82, 90, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 90, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 63.325, 296.625 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(82, 90, 196) }
```

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

```
.border{ border-color:rgb(82, 90, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 90, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 90, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 90, 196);  
box-shadow:4px 4px 4px 4px rgb(82, 90,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 63.325, 296.625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 90, 196) }
```

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

```
.background{ background-color: rgb(82, 90,  
196) }
```

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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