

Converting Colors

CIELCh(43, 36.597, 294.355)

Have a look what the booklet for
CIELCh(43, 36.597, 294.355)
contains.

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Color

CIELCh(43, 36.681, 294.233)

Conversions

Conversions Part 1

Format	Color
Hex	5E609D
RGB	94, 96, 157
RGB Percent	37%, 38%, 62%
CMY	0.6317, 0.6238, 0.3847
CMYK	0.40, 0.39, 0.00, 0.38
HSL	238°, 25%, 49%
HSV	238°, 40%, 62%
XYZ	14.8613, 13.1578, 33.6155
YIQ	102.3560, -20.7730, 18.5470

Conversions

Conversions Part 2

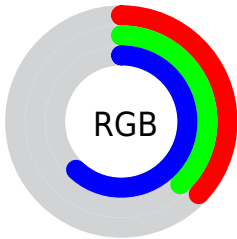
Format	Color
R_{YB}	94, 96, 157
Decimal	6185117
CIE _{Lab}	43.00, 15.06, -33.45
CIE _{LCh}	43, 36.681, 294.233
Yxy	13.1578, 0.2411, 0.2135
Android (android.graphics.Color)	4284375197 (0xFF5E609D)
YUV	102.3560, 26.9395, -7.3282
Hunter-Lab	36.2736, 9.6526, -29.5537

Details

The CIELCh color $43, 36.681, 294.233$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $63, 33.354, 104.983$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 36.983, 294.537$, and $23, 36.506, 294.319$ is the 20% darker color. If you saturate the color by 10%, you get $38, 46.765, 296.143$, and if you desaturate by 10%, it is $48, 26.984, 292.573$.

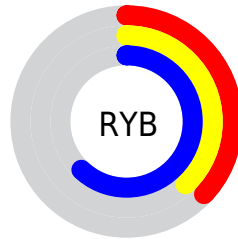
Distribution



Red (37%)

Green (38%)

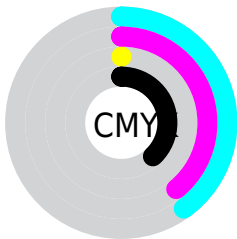
Blue (62%)



Red (37%)

Yellow (38%)

Blue (62%)

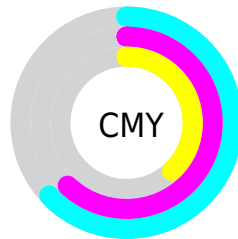


Cyan (40%)

Magenta (39%)

Yellow (0%)

Black (38%)



Cyan (63%)


Magenta (62%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 36.681, 294.233 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, 36.681, 294.233 by changing the saturation by 10% instead.


 43, 36.681,
294.233


 43, 36.681,
294.233


 100, 36.681,
294.233


 33, 36.681,
294.233

 63, 36.681,
294.233


 23, 36.681,
294.233

 73, 36.681,
294.233

 13, 36.681,
294.233

 83, 36.681,
294.233

 3, 36.681, 294.233

 93, 36.681,
294.233

 0, 36.681, 294.233

 43, 36.681,

 43, 36.681,

294.233

■ 38, 46.765,
296.143

■ 33, 57.170,
298.278

■ 28, 67.652,
300.549

■ 23, 77.612,
302.763

■ 20, 85.942,
304.625

■ 18, 91.533,
305.821

294.233

■ 48, 26.984,
292.573

■ 54, 17.677,
291.149

■ 59, 8.735, 289.939

■ 65, 0.132, 289.383

■ 70, 8.158, 108.006

■ 75, 16.158,
107.253

■ 81, 23.887,
106.603

■ 86, 31.364,
106.042

■ 91, 38.604,

Harmonies

Complementary

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



43, 36.681, 294.233



63, 33.354, 104.983

Rectangle

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



43, 36.681, 294.233



43, 36.681, 344.233



43, 36.681, 114.233



43, 36.681, 164.233

Sweetspot

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



43, 36.680, 294.233



74, 12.842, 290.175



61, 21.399, 194.311



38, 8.517, 290.312



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



43, 36.680, 294.233



50, 55.295, 295.897



45, 38.972, 309.963



31, 4.890, 289.840



16, 85.265, 305.766



0, 6.309, 288.951

Inverse Universe

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



47, 27.762, 20.837



56, 42.131, 22.409



61, 36.660, 126.021



31, 3.535, 17.320



29, 66.006, 37.890



1, 4.480, 16.893

Previews

White Background



This preview shows how the CIE LCh color 43, 36.681, 294.233 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, 36.681, 294.233 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

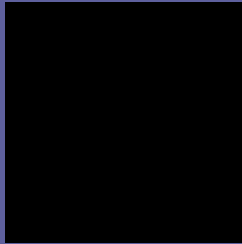
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 36.681, 294.233

Background



This preview shows how black text looks on a background with the CIELCh color 43, 36.681, 294.233.



This preview shows how white text looks on a background with the CIELCh color 43, 36.681, 294.233.

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, 36.681, 294.233

Protanopia

43, 36.862, 286.004

Deuteranopia

43, 33.600, 280.964



Tritanopia
43, 9.448, 229.393

Trichromacy



Original Color
43, 36.681, 294.233

Protanomaly
43, 36.742, 288.617

Deuteranomaly
43, 34.471, 285.797

Tritanomaly
43, 16.908, 274.125

Monochromacy



Original Color
43, 36.681, 294.233

Achromatopsia
43, 0.006, 296.813

Achromatomaly
43, 13.250, 290.447

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 36.681, 294.233 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(94, 96, 157)` looks like.

```
.text, #text, p{  
    color:rgb(94, 96, 157)  
}
```

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(94, 96, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 96, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 36.681, 294.233 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(94, 96, 157) }
```

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

```
.border{ border-color:rgb(94, 96, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 96, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 96, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 96, 157);  
box-shadow:4px 4px 4px 4px rgb(94, 96,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 36.681, 294.233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 96, 157) }
```

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

```
.background{ background-color: rgb(94, 96,  
157) }
```

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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