

Converting Colors

CIELCh(43, 37.067, 297.051)

Have a look what the booklet for
CIELCh(43, 37.067, 297.051)
contains.

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Color

CIELCh(43, 36.749, 296.709)

Conversions

Conversions Part 1

Format	Color
Hex	625F9C
RGB	98, 95, 156
RGB Percent	38%, 37%, 61%
CMY	0.6160, 0.6278, 0.3886
CMYK	0.37, 0.39, 0.00, 0.39
HSL	243°, 24%, 49%
HSV	243°, 39%, 61%
XYZ	15.1045, 13.1578, 33.1544
YIQ	102.8510, -17.7930, 19.6070

Conversions

Conversions Part 2

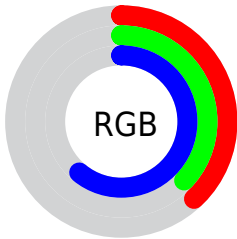
Format	Color
R_{YB}	98, 95, 156
Decimal	6447004
CIE Lab	43.00, 16.52, -32.83
CIE LCh	43, 36.749, 296.709
Yxy	13.1578, 0.2459, 0.2142
Android (android.graphics.Color)	4284637084 (0xFF625F9C)
YUV	102.8510, 26.2025, -4.2543
Hunter-Lab	36.2736, 10.8494, -28.8000

Details

The CIELCh color $43, 36.749, 296.709$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $63, 33.338, 108.721$, and the grayscale version is $43, 0.006, 296.813$.

A 20% lighter version of the original color is $63, 37.083, 297.017$, and $23, 36.527, 296.529$ is the 20% darker color. If you saturate the color by 10%, you get $38, 47.080, 298.358$, and if you desaturate by 10%, it is $48, 26.796, 295.264$.

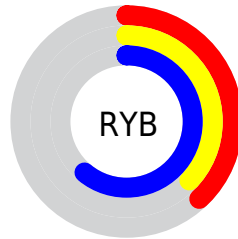
Distribution



Red (38%)

Green (37%)

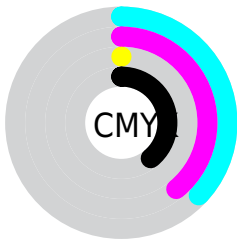
Blue (61%)



Red (38%)

Yellow (37%)

Blue (61%)

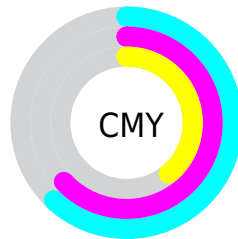


Cyan (37%)

Magenta (39%)

Yellow (0%)

Black (39%)



Cyan (62%)


Magenta (63%)


Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 43, 36.749, 296.709 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, 36.749, 296.709 by changing the saturation by 10% instead.


 43, 36.749,
296.709


 43, 36.749,
296.709


 100, 36.749,
296.709


 33, 36.749,
296.709

 63, 36.749,
296.709


 23, 36.749,
296.709

 73, 36.749,
296.709

 13, 36.749,
296.709

 83, 36.749,
296.709

 3, 36.749, 296.709

 93, 36.749,
296.709

 0, 36.749, 296.709

 43, 36.749,

 43, 36.749,

296.709

■ 38, 47.080,
298.358

■ 32, 57.694,
300.183

■ 28, 68.300,
302.097

■ 23, 78.239,
303.917

■ 20, 86.345,
305.369

■ 18, 91.912,
306.368

■ 18, 92.391,
306.465

296.709

■ 48, 26.796,
295.264

■ 54, 17.240,
294.018

■ 59, 8.065, 292.953

■ 65, 0.755, 111.986

■ 70, 9.243, 111.253

■ 76, 17.425,
110.588

■ 81, 25.321,
110.016

■ 86, 32.950,
109.522

■ 91, 40.331,

Harmonies

Complementary

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



43, 36.749, 296.709



63, 33.338, 108.721

Rectangle

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



43, 36.749, 296.709



43, 36.749, 346.709



43, 36.749, 116.709



43, 36.749, 166.709

Sweetspot

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



43, 36.748, 296.709



73, 13.153, 293.266



60, 19.919, 200.984



38, 8.814, 293.390



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, 36.748, 296.709



50, 55.375, 298.145



46, 38.059, 312.052



31, 5.059, 292.967



16, 86.617, 306.485



0, 6.512, 292.011

Inverse Universe

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



49, 40.251, 327.909



59, 58.820, 328.357



61, 36.189, 128.450



31, 5.904, 326.266



33, 72.269, 330.242



1, 7.623, 326.101

Previews

White Background



This preview shows how the CIELCh color 43, 36.749, 296.709 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, 36.749, 296.709 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

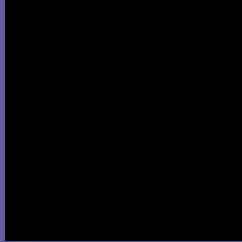
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 43, 36.749, 296.709

Background



This preview shows how black text looks on a background with the CIELCh color 43, 36.749, 296.709.

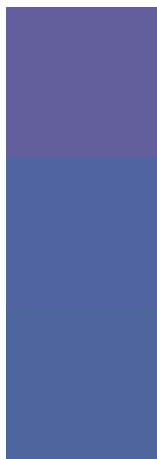


This preview shows how white text looks on a background with the CIELCh color 43, 36.749, 296.709.

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

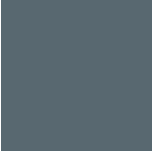
43, 36.749, 296.709

Protanopia

43, 36.262, 285.246

Deuteranopia

43, 32.932, 281.477



Tritanopia
43, 7.689, 237.786

Trichromacy



Original Color
43, 36.749, 296.709

Protanomaly
43, 36.695, 289.500

Deuteranomaly
43, 33.789, 286.953

Tritanomaly
43, 16.474, 281.099

Monochromacy



Original Color
43, 36.749, 296.709

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 13.262, 293.716

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 43, 36.749, 296.709 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(98, 95, 156)` looks like.

```
.text, #text, p{  
    color:rgb(98, 95, 156)  
}
```

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(98, 95, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 95, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 43, 36.749, 296.709 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(98, 95, 156) }
```

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

```
.border{ border-color:rgb(98, 95, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 95, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 95, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 95, 156);  
box-shadow:4px 4px 4px 4px rgb(98, 95,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 43, 36.749, 296.709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 95, 156) }
```

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

```
.background{ background-color: rgb(98, 95,  
156) }
```

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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