

Converting Colors

CIELCh(54, 43.807, 296.808)

Have a look what the booklet for
CIELCh(54, 43.807, 296.808)
contains.

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Color

CIELCh(54, 43.865, 296.836)

Conversions

Conversions Part 1

Format	Color
Hex	7D79C5
RGB	125, 121, 197
RGB Percent	49%, 47%, 77%
CMY	0.5108, 0.5264, 0.2285
CMYK	0.37, 0.39, 0.00, 0.23
HSL	243°, 39%, 62%
HSV	243°, 39%, 77%
XYZ	25.2743, 21.9746, 55.5711
YIQ	130.8600, -22.0120, 24.4840

Conversions

Conversions Part 2

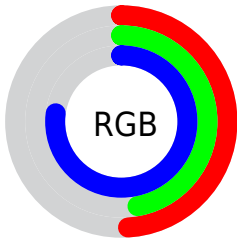
Format	Color
RYB	125, 121, 197
Decimal	8223173
CIELab	54.00, 19.80, -39.14
CIElCh	54, 43.865, 296.836
Yxy	21.9746, 0.2458, 0.2137
Android (android.graphics.Color)	4286413253 (0xFF7D79C5)
YUV	130.8600, 32.6070, -5.1392
Hunter-Lab	46.8770, 14.2055, -37.4723

Details

The CIELCh color $54, 43.865, 296.836$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $78, 39.775, 108.857$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 44.027, 296.996$, and $34, 43.696, 296.616$ is the 20% darker color. If you saturate the color by 10%, you get $48, 56.360, 298.506$, and if you desaturate by 10%, it is $61, 31.832, 295.375$.

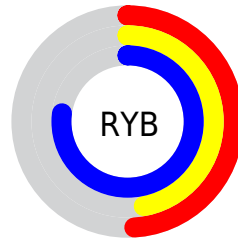
Distribution



Red (49%)

Green (47%)

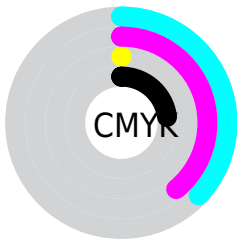
Blue (77%)



Red (49%)

Yellow (47%)

Blue (77%)

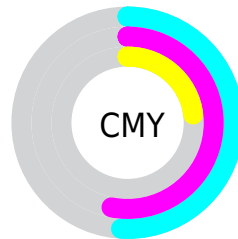


Cyan (37%)

Magenta (39%)

Yellow (0%)

Black (23%)



Cyan (51%)


Magenta (53%)


Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 43.865, 296.836 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 54, 43.865, 296.836 by changing the saturation by 10% instead.


 54, 43.865,
296.836


 54, 43.865,
296.836


 100, 43.865,
296.836


 44, 43.865,
296.836


 74, 43.865,
296.836

 34, 43.865,
296.836

 84, 43.865,
296.836

 24, 43.865,
296.836

 94, 43.865,
296.836

 14, 43.865,
296.836

 4, 43.865, 296.836

 0, 43.865, 296.836

■ 54, 43.865,
296.836

■ 54, 43.865,
296.836

■ 48, 56.360,
298.506

■ 61, 31.832,
295.375

■ 41, 69.192,
300.354

■ 67, 20.286,
294.117

■ 35, 81.982,
302.284

■ 74, 9.206, 293.045

■ 30, 93.869,
304.100

■ 80, 1.436, 112.094

■ 26, 103.359,
305.509

■ 87, 11.674,
111.340

■ 24, 109.140,
306.318

■ 93, 21.536,
110.675

■ 24, 109.820,
306.430

■ 99, 29.364,
107.946

Harmonies

Complementary

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



54, 43.865, 296.836



78, 39.775, 108.857

Rectangle

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



54, 43.865, 296.836



54, 43.865, 346.836



54, 43.865, 116.836



54, 43.865, 166.836

Sweetspot

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



54, 43.864, 296.836



90, 15.933, 293.407



74, 23.357, 202.777



47, 10.596, 293.548



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



54, 43.864, 296.836



63, 65.577, 298.172



57, 45.521, 312.596



38, 6.121, 293.121



19, 95.547, 306.467



1, 21.533, 293.131

Inverse Universe

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



61, 47.909, 328.019



74, 69.601, 328.442



75, 43.372, 129.017



39, 7.123, 326.378



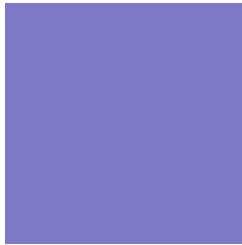
38, 79.456, 330.413



4, 25.568, 328.787

Previews

White Background



This preview shows how the CIELCh color 54, 43.865, 296.836 looks on a white background.

Color Contrast Check

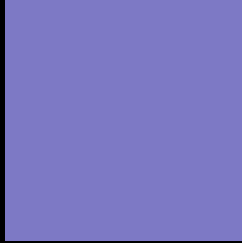
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 54, 43.865, 296.836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

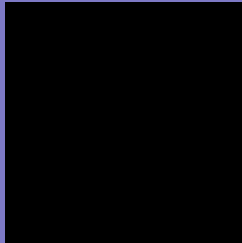
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 43.865, 296.836

Background



This preview shows how black text looks on a background with the CIELCh color 54, 43.865, 296.836.

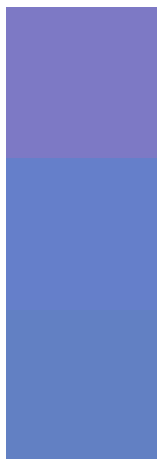


This preview shows how white text looks on a background with the CIELCh color 54, 43.865, 296.836.

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

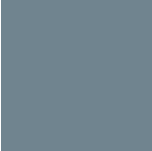
54, 43.865, 296.836

Protanopia

54, 43.422, 285.416

Deuteranopia

54, 39.121, 281.895



Tritanopia
54, 9.542, 240.721

Trichromacy



Original Color
54, 43.865, 296.836

Protanomaly
54, 43.222, 289.352

Deuteranomaly
54, 41.024, 287.927

Tritanomaly
54, 20.427, 281.906

Monochromacy



Original Color
54, 43.865, 296.836

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 16.189, 294.700

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 43.865, 296.836 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(125, 121, 197)` looks like.

```
.text, #text, p{  
    color:rgb(125, 121, 197)  
}
```

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(125, 121, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 121, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 43.865, 296.836 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(125, 121, 197) }
```

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

```
.border{ border-color:rgb(125, 121, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 121, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 121, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 121, 197);  
box-shadow:4px 4px 4px 4px rgb(125, 121,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 43.865, 296.836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 121, 197) }
```

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

```
.background{ background-color: rgb(125,  
121, 197) }
```

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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