

Converting Colors

CIELCh(54, 47.278, 302.597)

Have a look what the booklet for
CIELCh(54, 47.278, 302.597)
contains.

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Color

CIELCh(54, 47.183, 302.710)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 8875C6 |
| RGB | 136, 117, 198 |
| RGB Percent | 53%, 46%, 78% |
| CMY | 0.4673, 0.5418, 0.2242 |
| CMYK | 0.31, 0.41, 0.00, 0.22 |
| HSL | 254°, 41%, 62% |
| HSV | 254°, 41%, 78% |
| XYZ | 26.6411, 21.9746, 56.1570 |
| YIQ | 131.9150, -14.6770, 29.2190 |

Conversions

Conversions Part 2

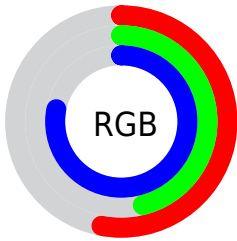
| Format | Color |
|-------------------------------------|--|
| RYB | 136, 117, 198 |
| Decimal | 8943046 |
| CIELab | 54.00, 25.50, -39.70 |
| CIElCh | 54, 47.183, 302.710 |
| Yxy | 21.9746, 0.2543, 0.2097 |
| Android (android.graphics.Color) | 4287133126 (0xFF8875C6) |
| YUV | 131.9150, 32.5799, 3.5825 |
| Hunter-Lab | 46.8770, 19.4103, -38.2133 |

Details

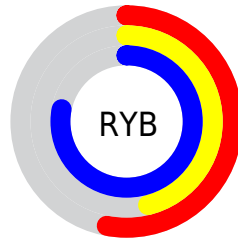
The CIELCh color $54, 47.183, 302.710$ is a light color, and the websafe version is hex `6666CC`. A complement of this color would be $77, 42.980, 116.708$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 47.283, 302.730$, and $34, 47.704, 302.832$ is the 20% darker color. If you saturate the color by 10%, you get $48, 59.630, 303.796$, and if you desaturate by 10%, it is $60, 35.033, 301.716$.

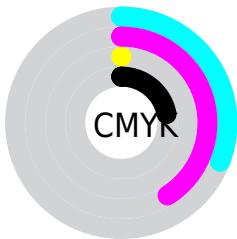
Distribution



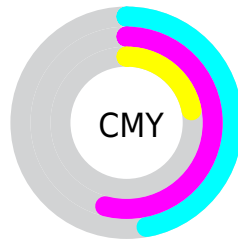
- Red (53%)
- Green (46%)
- Blue (78%)



- Red (53%)
- Yellow (46%)
- Blue (78%)



- Cyan (31%)
- Magenta (41%)
- Yellow (0%)
- Black (22%)





- Cyan (47%)
- Magenta (54%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 47.183, 302.710 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, 47.183, 302.710 by changing the saturation by 10% instead.


 54, 47.183,
302.710


 54, 47.183,
302.710


 100, 47.183,
302.710


 44, 47.183,
302.710


 74, 47.183,
302.710

 34, 47.183,
302.710

 84, 47.183,
302.710

 24, 47.183,
302.710

 94, 47.183,
302.710

 14, 47.183,
302.710

 4, 47.183, 302.710

 0, 47.183, 302.710

54, 47.183,
302.710

54, 47.183,
302.710

48, 59.630,
303.796

60, 35.033,
301.716

42, 72.151,
304.930

67, 23.275,
300.830

36, 84.270,
306.024

73, 11.936,
300.051

32, 95.125,
306.928

79, 1.011, 299.352

85, 9.516, 118.793

28, 103.462,
307.436

92, 19.667,
118.286

26, 108.426,
307.540

98, 29.293,
117.683

99, 28.820,
107.988

Harmonies

Complementary

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



54, 47.183, 302.710



77, 42.980, 116.708

Rectangle

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



54, 47.183, 302.710



54, 47.183, 352.710



54, 47.183, 122.710



54, 47.183, 172.710

Sweetspot

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



54, 47.182, 302.710



91, 16.131, 300.142



70, 21.880, 226.555



47, 10.726, 300.241



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, 47.182, 302.710



62, 70.373, 303.662



58, 49.921, 318.515



39, 6.199, 299.939



20, 93.858, 307.647



2, 21.710, 297.899

Inverse Universe

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



60, 44.970, 334.560



71, 65.199, 335.240



74, 48.655, 134.675



39, 6.269, 332.331



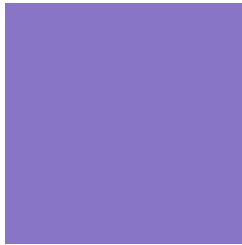
37, 69.216, 340.190



4, 21.771, 336.802

Previews

White Background



This preview shows how the CIELCh color 54, 47.183, 302.710 looks on a white background.

Color Contrast Check

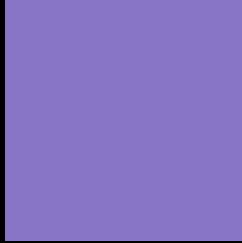
Large Text (above 18pt) WCAG AA ✓ Pass

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, 47.183, 302.710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

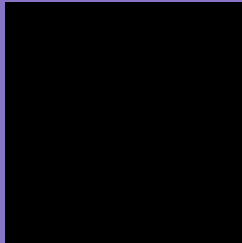
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 47.183, 302.710

Background



This preview shows how black text looks on a background with the CIELCh color 54, 47.183, 302.710.



This preview shows how white text looks on a background with the CIELCh color 54, 47.183, 302.710.

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

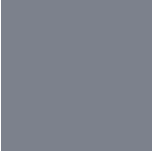
54, 47.183, 302.710

Protanopia

54, 46.280, 286.230

Deuteranopia

54, 38.574, 281.160



Tritanopia
54, 6.584, 274.228

Trichromacy



Original Color
54, 47.183, 302.710

Protanomaly
54, 46.078, 291.538

Deuteranomaly
54, 40.929, 289.487

Tritanomaly
54, 20.859, 295.607

Monochromacy



Original Color
54, 47.183, 302.710

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 17.549, 300.621

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 47.183, 302.710 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(136, 117, 198)` looks like.

```
.text, #text, p{  
    color:rgb(136, 117, 198)  
}
```

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(136, 117, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 117, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 47.183, 302.710 is called "border". The border property can be set on classes, ids or directly on the HTML element.

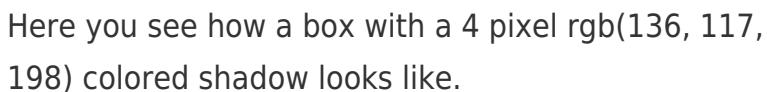
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(136, 117, 198) }
```

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

```
.border{ border-color:rgb(136, 117, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(136, 117, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 117, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 117, 198);  
box-shadow:4px 4px 4px 4px rgb(136, 117,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 47.183, 302.710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 117, 198) }
```

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

```
.background{ background-color: rgb(136,  
117, 198) }
```

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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