

Converting Colors

CIELCh(54, 15.246, 298.654)

Have a look what the booklet for
CIELCh(54, 15.246, 298.654)
contains.

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Color

CIELCh(54, 15.165, 298.972)

Conversions

Conversions Part 1

Format	Color
Hex	837E98
RGB	131, 126, 152
RGB Percent	51%, 49%, 60%
CMY	0.4867, 0.5063, 0.4044
CMYK	0.14, 0.17, 0.00, 0.40
HSL	252°, 11%, 54%
HSV	252°, 17%, 60%
XYZ	22.4491, 21.9746, 32.7164
YIQ	130.4590, -5.3660, 9.1460

Conversions

Conversions Part 2

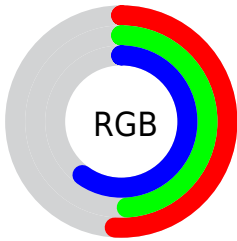
Format	Color
R_{YB}	131, 126, 152
Decimal	8617624
CIE Lab	54.00, 7.35, -13.27
CIE LCh	54, 15.165, 298.972
Yxy	21.9746, 0.2910, 0.2849
Android (android.graphics.Color)	4286807704 (0xFF837E98)
YUV	130.4590, 10.6197, 0.4745
Hunter-Lab	46.8770, 3.4475, -8.5657

Details

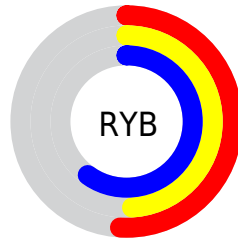
The CIELCh color $54, 15.165, 298.972$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $62, 14.631, 116.543$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 14.776, 298.407$, and $34, 15.199, 298.568$ is the 20% darker color. If you saturate the color by 10%, you get $49, 24.480, 299.870$, and if you desaturate by 10%, it is $59, 6.190, 298.186$.

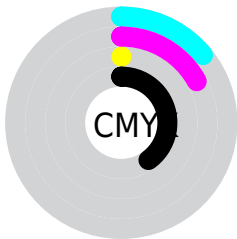
Distribution



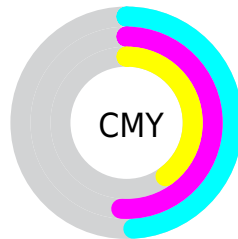
- Red (51%)
- Green (49%)
- Blue (60%)



- Red (51%)
- Yellow (49%)
- Blue (60%)



- Cyan (14%)
- Magenta (17%)
- Yellow (0%)
- Black (40%)





- Cyan (49%)
- Magenta (51%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 15.165, 298.972 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, 15.165, 298.972 by changing the saturation by 10% instead.


 54, 15.165,
298.972


 54, 15.165,
298.972


 100, 15.165,
298.972


 44, 15.165,
298.972


 74, 15.165,
298.972

 34, 15.165,
298.972

 84, 15.165,
298.972

 24, 15.165,
298.972

 94, 15.165,
298.972

 14, 15.165,
298.972

 4, 15.165, 298.972

 0, 15.165, 298.972

54, 15.165,
298.972

54, 15.165,
298.972

49, 24.480,
299.870

59, 6.190, 298.186

44, 34.137,
300.891

64, 2.455, 117.512

39, 44.101,
302.031

69, 10.787,
116.924

34, 54.264,
303.265

74, 18.827,
116.419

29, 64.374,
304.532

79, 26.593,
115.984

25, 73.921,
305.711

84, 34.103,
115.609

21, 82.035,
306.619

89, 41.373,
115.286

19, 87.883,

94, 48.418,
115.007

307.117

■ 97, 51.528,
112.264

■ 18, 89.487,
307.296

Harmonies

Complementary

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



54, 15.165, 298.972



62, 14.631, 116.543

Rectangle

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



54, 15.165, 298.972



54, 15.165, 348.972



54, 15.165, 118.972



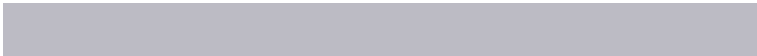
54, 15.165, 168.972

Sweetspot

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



54, 15.164, 298.970



76, 5.346, 298.041



60, 8.198, 218.041



40, 3.680, 298.087



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



54, 15.164, 298.970



66, 23.124, 299.342



55, 16.455, 315.901



30, 4.965, 298.343



16, 84.368, 307.344



0, 5.283, 297.569

Inverse Universe

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



56, 15.713, 331.287



69, 23.802, 331.562



61, 16.234, 134.471



30, 5.198, 330.785



31, 63.995, 337.437



1, 5.530, 330.729

Previews

White Background



This preview shows how the CIELCh color 54, 15.165, 298.972 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, 15.165, 298.972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

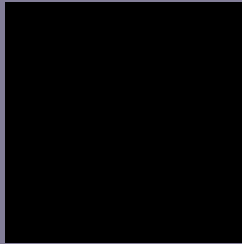
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 15.165, 298.972

Background



This preview shows how black text looks on a background with the CIELCh color 54, 15.165, 298.972.



This preview shows how white text looks on a background with the CIELCh color 54, 15.165, 298.972.

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, 15.165, 298.972

Protanopia

54, 14.461, 286.167

Deuteranopia

54, 15.165, 298.972



Tritanopia
54, 5.792, 294.702

Trichromacy



Original Color
54, 15.165, 298.972

Protanomaly
54, 15.011, 291.997

Deuteranomaly
54, 15.165, 298.972

Tritanomaly
54, 9.330, 298.312

Monochromacy



Original Color
54, 15.165, 298.972

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 5.209, 295.063

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 15.165, 298.972 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(131, 126, 152)` looks like.

```
.text, #text, p{  
    color:rgb(131, 126, 152)  
}
```

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(131, 126, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 126, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 15.165, 298.972 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(131, 126, 152) }
```

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

```
.border{ border-color:rgb(131, 126, 152) }
```

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

Here you see how a box with a 4 pixel rgb(131, 126, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 126, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 126, 152);  
box-shadow:4px 4px 4px 4px rgb(131, 126,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 15.165, 298.972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 126, 152) }
```

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

```
.background{ background-color: rgb(131,  
126, 152) }
```

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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