

Converting Colors

CIELCh(54, 17.281, 293.060)

Have a look what the booklet for
CIELCh(54, 17.281, 293.060)
contains.

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Color

CIELCh(54, 17.346, 293.467)

Conversions

Conversions Part 1

Format	Color
Hex	7F7E9C
RGB	127, 126, 156
RGB Percent	50%, 49%, 61%
CMY	0.5004, 0.5044, 0.3867
CMYK	0.19, 0.19, 0.00, 0.39
HSL	242°, 13%, 55%
HSV	242°, 19%, 61%
XYZ	22.3537, 21.9746, 34.6922
YIQ	129.7190, -9.0340, 9.5420

Conversions

Conversions Part 2

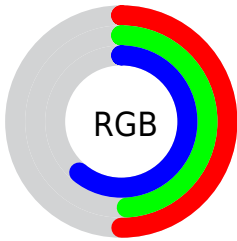
Format	Color
R_{YB}	127, 126, 156
Decimal	8355484
CIE _{Lab}	54.00, 6.91, -15.91
CIE _{LCh}	54, 17.346, 293.467
Yxy	21.9746, 0.2829, 0.2781
Android (android.graphics.Color)	4286545564 (0xFF7F7E9C)
YUV	129.7190, 12.9565, -2.3846
Hunter-Lab	46.8770, 3.0845, -11.0647

Details

The CIELCh color $54, 17.346, 293.467$ is a dark color, and the websafe version is hex $9999CC$. A complement of this color would be $64, 16.611, 109.778$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 17.363, 292.960$, and $34, 17.606, 293.136$ is the 20% darker color. If you saturate the color by 10%, you get $48, 26.927, 294.753$, and if you desaturate by 10%, it is $59, 8.146, 292.367$.

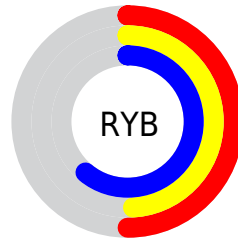
Distribution



Red (50%)

Green (49%)

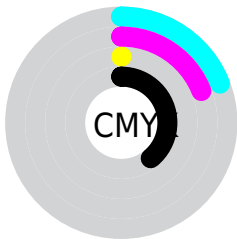
Blue (61%)



Red (50%)

Yellow (49%)

Blue (61%)

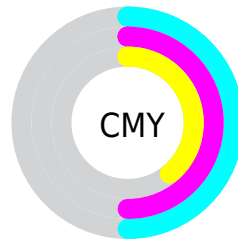


Cyan (19%)

Magenta (19%)

Yellow (0%)

Black (39%)



Cyan (50%)

Magenta (50%)

Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 17.346, 293.467 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, 17.346, 293.467 by changing the saturation by 10% instead.


 54, 17.346,
293.467


 54, 17.346,
293.467


 100, 17.346,
293.467

 44, 17.346,
293.467


 74, 17.346,
293.467

 34, 17.346,
293.467

 84, 17.346,
293.467

 24, 17.346,
293.467

 94, 17.346,
293.467

 14, 17.346,
293.467

 4, 17.346, 293.467

 0, 17.346, 293.467

54, 17.346,
293.467

54, 17.346,
293.467

48, 26.927,
294.753

59, 8.146, 292.367

43, 36.910,
296.250

65, 0.695, 111.360

38, 47.281,
297.961

70, 9.203, 110.616

32, 57.944,
299.860

76, 17.404,
109.932

27, 68.606,
301.854

81, 25.318,
109.344

23, 78.592,
303.755

86, 32.966,
108.837

20, 86.706,
305.274

92, 40.364,
108.399

18, 92.248,

97, 47.528,
108.019

306.318

 98, 49.082,
106.424

 18, 92.690,
306.408

Harmonies

Complementary

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



54, 17.346, 293.467



64, 16.611, 109.778

Rectangle

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



54, 17.346, 293.467



54, 17.346, 343.467



54, 17.346, 113.467



54, 17.346, 163.467

Sweetspot

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



54, 17.345, 293.465



78, 6.567, 292.065



62, 10.562, 201.558



41, 4.350, 292.121



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



54, 17.345, 293.465



66, 26.035, 293.990



55, 18.334, 311.066



31, 5.057, 292.373



16, 86.706, 306.422



0, 6.509, 291.425

Inverse Universe

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



57, 20.157, 326.378



70, 30.009, 326.611



63, 17.905, 129.392



31, 5.967, 325.824



33, 73.148, 329.576



1, 7.724, 325.561

Previews

White Background



This preview shows how the CIELCh color 54, 17.346, 293.467 looks on a white background.

Color Contrast Check

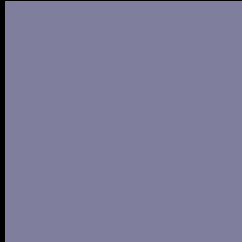
Large Text (above 18pt) WCAG AA ✓ Pass

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, 17.346, 293.467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

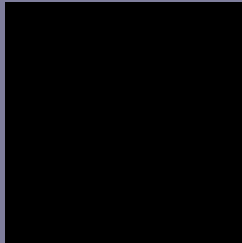
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 17.346, 293.467

Background



This preview shows how black text looks on a background with the CIELCh color 54, 17.346, 293.467.



This preview shows how white text looks on a background with the CIELCh color 54, 17.346, 293.467.

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

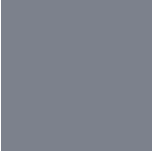
54, 17.346, 293.467

Protanopia

54, 16.808, 284.892

Deuteranopia

54, 17.362, 294.659



Tritanopia
54, 6.584, 274.228

Trichromacy



Original Color

54, 17.346, 293.467

Protanomaly

54, 17.327, 288.724

Deuteranomaly

54, 17.362, 294.659

Tritanomaly

54, 10.425, 285.299

Monochromacy



Original Color

54, 17.346, 293.467

Achromatopsia

54, 0.007, 296.813

Achromatomaly

54, 6.341, 290.957

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 17.346, 293.467 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(127, 126, 156)` looks like.

```
.text, #text, p{  
    color:rgb(127, 126, 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(127, 126, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 126, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 17.346, 293.467 is called "border". The border property can be set on classes, ids or directly on the HTML element.

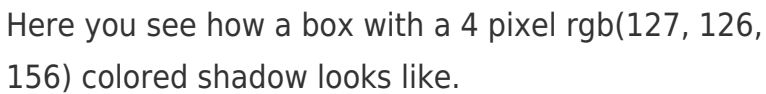
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 126, 156) }
```

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

```
.border{ border-color:rgb(127, 126, 156) }
```

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



Here you see how a box with a 4 pixel `rgb(127, 126, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 126, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 126, 156);  
box-shadow:4px 4px 4px 4px rgb(127, 126,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 17.346, 293.467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 126, 156) }
```

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

```
.background{ background-color: rgb(127,  
126, 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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