

Converting Colors

CIELCh(54, 12.429, 292.588)

Have a look what the booklet for
CIELCh(54, 12.429, 292.588)
contains.

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Color

CIELCh(54, 12.717, 293.393)

Conversions

Conversions Part 1

Format	Color
Hex	807F95
RGB	128, 127, 149
RGB Percent	50%, 50%, 58%
CMY	0.4976, 0.5016, 0.4153
CMYK	0.14, 0.15, 0.00, 0.42
HSL	243°, 9%, 54%
HSV	243°, 15%, 58%
XYZ	21.9523, 21.9746, 31.5612
YIQ	129.8070, -6.4660, 7.0540

Conversions

Conversions Part 2

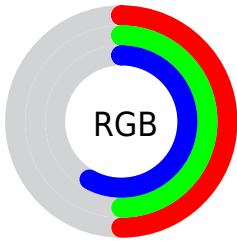
Format	Color
R_{YB}	128, 127, 149
Decimal	8421269
CIE _{Lab}	54.00, 5.05, -11.67
CIE _{LCh}	54, 12.717, 293.393
Yxy	21.9746, 0.2908, 0.2911
Android (android.graphics.Color)	4286611349 (0xFF807F95)
YUV	129.8070, 9.4621, -1.5847
Hunter-Lab	46.8770, 1.5561, -7.1047

Details

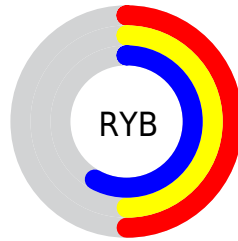
The CIELCh color $54, 12.717, 293.393$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $61, 12.306, 110.681$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 12.478, 292.986$, and $34, 12.581, 294.089$ is the 20% darker color. If you saturate the color by 10%, you get $49, 21.764, 294.558$, and if you desaturate by 10%, it is $59, 4.024, 292.397$.

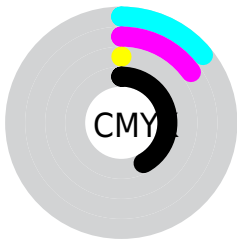
Distribution



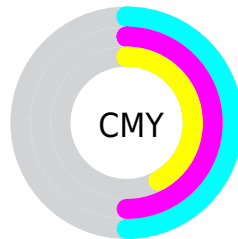
- Red (50%)
- Green (50%)
- Blue (58%)



- Red (50%)
- Yellow (50%)
- Blue (58%)



- Cyan (14%)
- Magenta (15%)
- Yellow (0%)
- Black (42%)





- Cyan (50%)
- Magenta (50%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 12.717, 293.393 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, 12.717, 293.393 by changing the saturation by 10% instead.


 54, 12.717,
293.393


 54, 12.717,
293.393


 100, 12.717,
293.393


 44, 12.717,
293.393


 74, 12.717,
293.393


 34, 12.717,
293.393


 84, 12.717,
293.393

 24, 12.717,
293.393

 94, 12.717,
293.393

 14, 12.717,
293.393

 4, 12.717, 293.393

 0, 12.717, 293.393

■ 54, 12.717,
293.393

■ 54, 12.717,
293.393

■ 49, 21.764,
294.558

■ 59, 4.024, 292.397

■ 43, 31.188,
295.917

■ 64, 4.337, 111.526

■ 38, 40.991,
297.482

■ 70, 12.390,
110.801

■ 33, 51.126,
299.243

■ 75, 20.157,
110.176

■ 28, 61.414,
301.143

■ 80, 27.658,
109.638

■ 24, 71.413,
303.047

■ 85, 34.911,
109.173


■ 20, 80.226,
304.721


■ 90, 41.931,
108.770

■ 18, 86.595,

■ 95, 48.734,
108.420

305.883

 98, 52.534,
106.158

 17, 89.426,
306.461

Harmonies

Complementary

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



54, 12.717, 293.393



61, 12.306, 110.681

Rectangle

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



54, 12.717, 293.393



54, 12.717, 343.393



54, 12.717, 113.393



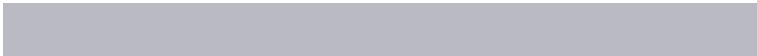
54, 12.717, 163.393

Sweetspot

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



54, 12.716, 293.390



76, 4.187, 292.337



60, 7.915, 201.732



39, 2.970, 292.400



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



54, 12.716, 293.390



67, 19.345, 293.791



55, 13.480, 310.855



28, 4.785, 292.817



15, 84.366, 306.478



0, 4.117, 291.965

Inverse Universe

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



56, 14.764, 326.469



69, 22.329, 326.669



60, 13.236, 129.600



29, 5.599, 326.156



32, 70.592, 330.077



1, 4.870, 325.676

Previews

White Background



This preview shows how the CIELCh color 54, 12.717, 293.393 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, 12.717, 293.393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

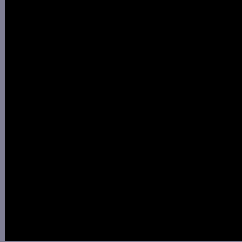
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

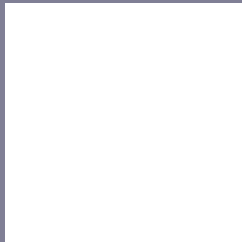
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 12.717, 293.393

Background



This preview shows how black text looks on a background with the CIELCh color 54, 12.717, 293.393.



This preview shows how white text looks on a background with the CIELCh color 54, 12.717, 293.393.

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

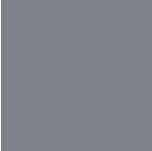
54, 12.717, 293.393

Protanopia

54, 12.716, 286.751

Deuteranopia

54, 13.512, 301.318



Tritanopia
54, 5.859, 279.618

Trichromacy



Original Color
54, 12.717, 293.393

Protanomaly
54, 12.697, 288.397

Deuteranomaly
54, 13.452, 299.743

Tritanomaly
54, 8.658, 288.742

Monochromacy



Original Color
54, 12.717, 293.393

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 4.614, 290.751

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 12.717, 293.393 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(128, 127, 149)` looks like.

```
.text, #text, p{  
    color:rgb(128, 127, 149)  
}
```

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(128, 127, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 127, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 12.717, 293.393 is called "border". The border property can be set on classes, ids or directly on the HTML element.

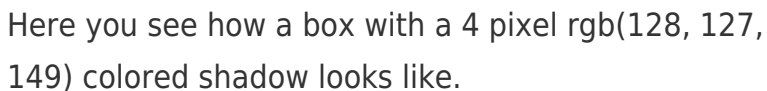
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(128, 127, 149) }
```

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

```
.border{ border-color:rgb(128, 127, 149) }
```

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



Here you see how a box with a 4 pixel `rgb(128, 127, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 127, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 127, 149);  
box-shadow:4px 4px 4px 4px rgb(128, 127,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 12.717, 293.393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 127, 149) }
```

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

```
.background{ background-color: rgb(128,  
127, 149) }
```

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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