

Converting Colors

CIELCh(54, 16.731, 333.330)

Have a look what the booklet for
CIELCh(54, 16.731, 333.330)
contains.

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Color

CIELCh(54, 16.321, 333.538)

Conversions

Conversions Part 1

Format	Color
Hex	95798E
RGB	149, 121, 142
RGB Percent	58%, 47%, 56%
CMY	0.4162, 0.5259, 0.4436
CMYK	0.00, 0.19, 0.05, 0.42
HSL	315°, 12%, 53%
HSV	315°, 19%, 58%
XYZ	24.0697, 21.9746, 28.5179
YIQ	131.7660, 9.9470, 12.4670

Conversions

Conversions Part 2

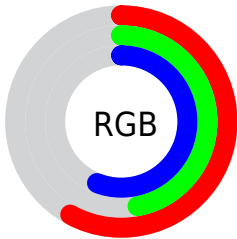
Format	Color
R _Y B	149, 121, 142
Decimal	9795982
CIE Lab	54.00, 14.61, -7.27
CIE LCh	54, 16.321, 333.538
Yxy	21.9746, 0.3228, 0.2947
Android (android.graphics.Color)	4287986062 (0xFF95798E)
YUV	131.7660, 5.0454, 15.1142
Hunter-Lab	46.8770, 9.6187, -3.2554

Details

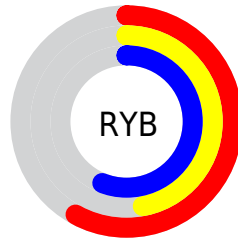
The CIELCh color $54, 16.321, 333.538$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $59, 16.229, 151.036$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 16.681, 332.655$, and $34, 16.581, 333.249$ is the 20% darker color. If you saturate the color by 10%, you get $50, 25.033, 334.237$, and if you desaturate by 10%, it is $58, 7.596, 332.861$.

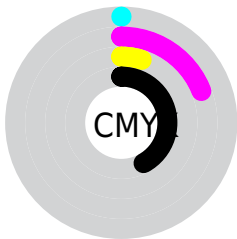
Distribution



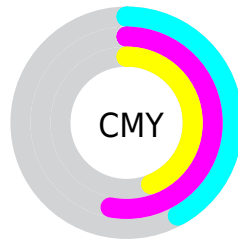
- Red (58%)
- Green (47%)
- Blue (56%)



- Red (58%)
- Yellow (47%)
- Blue (56%)



- Cyan (0%)
- Magenta (19%)
- Yellow (5%)
- Black (42%)





- Cyan (42%)
- Magenta (53%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 16.321, 333.538 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, 16.321, 333.538 by changing the saturation by 10% instead.


 54, 16.321,
333.538


 54, 16.321,
333.538


 100, 16.321,
333.538


 44, 16.321,
333.538


 74, 16.321,
333.538

 34, 16.321,
333.538

 84, 16.321,
333.538

 24, 16.321,
333.538

 94, 16.321,
333.538

 14, 16.321,
333.538

 4, 16.321, 333.538

 0, 16.321, 333.538

54, 16.321,
333.538

54, 16.321,
333.538

50, 25.033,
334.237

58, 7.596, 332.861

46, 33.560,
334.968

62, 1.017, 152.523

66, 9.447, 151.699

43, 41.648,
335.739

71, 17.656,
151.120

40, 48.970,
336.564

75, 25.624,
150.579

37, 55.145,
337.461

79, 33.348,
150.070

35, 59.797,
338.461


84, 40.833,
149.591


34, 62.650,
339.611

88, 48.090,
149.139

33, 63.946,

340.921

 92, 55.131,
148.713

 33, 64.088,
341.079

Harmonies

Complementary

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



54, 16.321, 333.538



59, 16.229, 151.036

Rectangle

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



54, 16.321, 333.538



54, 16.321, 23.538



54, 16.321, 153.538



54, 16.321, 203.538

Sweetspot

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



54, 16.319, 333.539



75, 6.408, 332.675



52, 16.501, 300.581



39, 4.240, 332.715



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, 16.319, 333.539



67, 24.782, 333.861



54, 12.130, 0.146



29, 4.850, 332.888



30, 60.617, 340.965



1, 4.213, 332.336

Inverse Universe

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



54, 16.319, 333.539



67, 24.782, 333.861



59, 11.431, 176.617



29, 4.850, 332.888



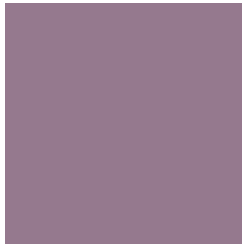
30, 60.617, 340.965



1, 4.213, 332.336

Previews

White Background



This preview shows how the CIELCh color 54, 16.321, 333.538 looks on a white background.

Color Contrast Check

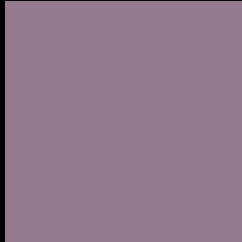
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 54, 16.321, 333.538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

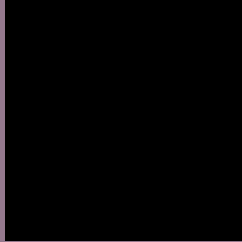
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 16.321, 333.538

Background



This preview shows how black text looks on a background with the CIELCh color 54, 16.321, 333.538.



This preview shows how white text looks on a background with the CIELCh color 54, 16.321, 333.538.

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, 16.321, 333.538

Protanopia

54, 10.973, 287.631

Deuteranopia

54, 9.523, 315.084



Tritanopia
54, 11.292, 353.508

Trichromacy



Original Color
54, 16.321, 333.538

Protanomaly
54, 12.105, 307.943

Deuteranomaly
54, 11.871, 325.065

Tritanomaly
54, 13.099, 343.039

Monochromacy



Original Color
54, 16.321, 333.538

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 6.084, 330.923

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 16.321, 333.538 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(149, 121, 142)` looks like.

```
.text, #text, p{  
    color:rgb(149, 121, 142)  
}
```

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(149, 121, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 121, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 16.321, 333.538 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(149, 121, 142) }
```

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

```
.border{ border-color:rgb(149, 121, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 121, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 121, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 121, 142);  
box-shadow:4px 4px 4px 4px rgb(149, 121,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 16.321, 333.538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 121, 142) }
```

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

```
.background{ background-color: rgb(149,  
121, 142) }
```

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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