

Converting Colors

CIELCh(54, 18.740, 330.011)

Have a look what the booklet for
CIELCh(54, 18.740, 330.011)
contains.

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Color

CIELCh(54, 18.523, 330.574)

Conversions

Conversions Part 1

Format	Color
Hex	967891
RGB	150, 120, 145
RGB Percent	59%, 47%, 57%
CMY	0.4116, 0.5293, 0.4312
CMYK	0.00, 0.20, 0.03, 0.41
HSL	310°, 13%, 53%
HSV	310°, 20%, 59%
XYZ	24.4189, 21.9746, 29.7573
YIQ	131.8200, 9.8550, 14.1350

Conversions

Conversions Part 2

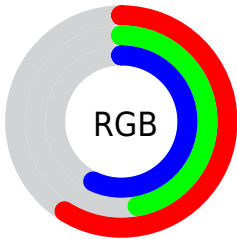
Format	Color
R_{YB}	150, 120, 145
Decimal	9861265
CIE Lab	54.00, 16.13, -9.10
CIE LCh	54, 18.523, 330.574
Yxy	21.9746, 0.3207, 0.2886
Android (android.graphics.Color)	4288051345 (0xFF967891)
YUV	131.8200, 6.4977, 15.9439
Hunter-Lab	46.8770, 10.9483, -4.8231

Details

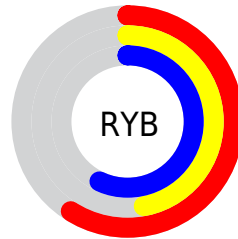
The CIELCh color $54, 18.523, 330.574$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $59, 18.465, 148.064$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 18.777, 329.977$, and $34, 18.944, 330.201$ is the 20% darker color. If you saturate the color by 10%, you get $50, 27.781, 331.201$, and if you desaturate by 10%, it is $58, 9.216, 329.955$.

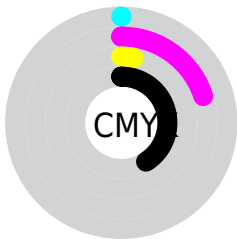
Distribution



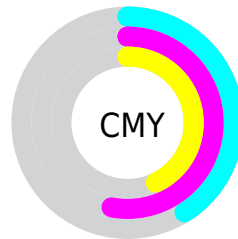
- Red (59%)
- Green (47%)
- Blue (57%)



- Red (59%)
- Yellow (47%)
- Blue (57%)



- Cyan (0%)
- Magenta (20%)
- Yellow (3%)
- Black (41%)




- Cyan (41%)
- Magenta (53%)
- Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 18.523, 330.574 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, 18.523, 330.574 by changing the saturation by 10% instead.


 54, 18.523,
330.574


 54, 18.523,
330.574


 100, 18.523,
330.574

 44, 18.523,
330.574


 74, 18.523,
330.574

 34, 18.523,
330.574

 84, 18.523,
330.574

 24, 18.523,
330.574

 94, 18.523,
330.574

 14, 18.523,
330.574

 4, 18.523, 330.574

 0, 18.523, 330.574

54, 18.523,
330.574

54, 18.523,
330.574

50, 27.781,
331.201

58, 9.216, 329.955

47, 36.797,
331.838

62, 0.004, 252.030

66, 9.038, 148.854

43, 45.295,
332.483

71, 17.851,
148.300

40, 52.930,
333.138

75, 26.414,
147.779

38, 59.315,
333.808

79, 34.718,
147.287

36, 64.084,
334.504

83, 42.765,
146.822

35, 66.993,
335.248

88, 50.566,
146.383

34, 68.456,

336.043

■ 92, 58.091,
145.976

■ 34, 68.456,
336.044

Harmonies

Complementary

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



54, 18.523, 330.574



59, 18.465, 148.064

Rectangle

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



54, 18.523, 330.574



54, 18.523, 20.574



54, 18.523, 150.574



54, 18.523, 200.574

Sweetspot

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



54, 18.521, 330.575



75, 6.800, 329.708



52, 17.600, 298.303



39, 4.499, 329.745



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, 18.521, 330.575



66, 27.408, 330.854



54, 13.399, 355.629



29, 5.146, 329.904



31, 64.367, 335.974



1, 4.473, 329.389

Inverse Universe

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



54, 18.521, 330.575



66, 27.408, 330.854



60, 12.748, 171.865



29, 5.146, 329.904



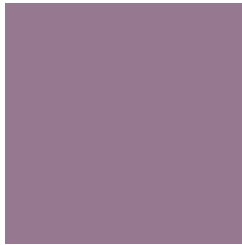
31, 64.367, 335.974



1, 4.473, 329.389

Previews

White Background



This preview shows how the CIELCh color 54, 18.523, 330.574 looks on a white background.

Color Contrast Check

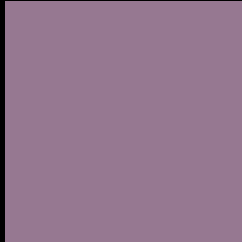
Large Text (above 18pt) WCAG AA ✓ Pass

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, 18.523, 330.574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

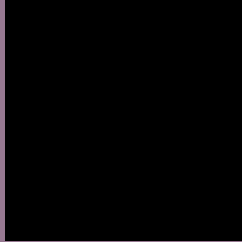
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 18.523, 330.574

Background



This preview shows how black text looks on a background with the CIELCh color 54, 18.523, 330.574.



This preview shows how white text looks on a background with the CIELCh color 54, 18.523, 330.574.

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, 18.523, 330.574

Protanopia

54, 12.716, 286.751

Deuteranopia

54, 10.991, 309.610



Tritanopia
54, 11.914, 351.987

Trichromacy



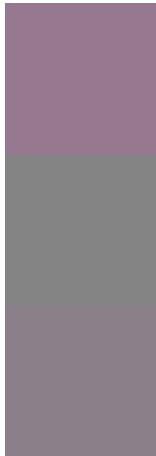
Original Color
54, 18.523, 330.574

Protanomaly
54, 13.769, 305.981

Deuteranomaly
54, 13.137, 319.396

Tritanomaly
54, 14.418, 341.454

Monochromacy



Original Color
54, 18.523, 330.574

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 6.774, 330.335

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 18.523, 330.574 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(150, 120, 145)` looks like.

```
.text, #text, p{  
    color:rgb(150, 120, 145)  
}
```

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(150, 120, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 120, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 18.523, 330.574 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(150, 120, 145) }
```

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

```
.border{ border-color:rgb(150, 120, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 120, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 120, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 120, 145); box-shadow:4px 4px 4px 4px rgb(150, 120, 145) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 18.523, 330.574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 120, 145) }
```

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

```
.background{ background-color: rgb(150,  
120, 145) }
```

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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