

Converting Colors

CIELCh(54, 20.155, 326.813)

Have a look what the booklet for
CIELCh(54, 20.155, 326.813)
contains.

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Color

CIELCh(54, 19.850, 327.381)

Conversions

Conversions Part 1

Format	Color
Hex	967894
RGB	150, 120, 148
RGB Percent	59%, 47%, 58%
CMY	0.4126, 0.5302, 0.4205
CMYK	0.00, 0.20, 0.01, 0.41
HSL	304°, 12%, 53%
HSV	304°, 20%, 59%
XYZ	24.5541, 21.9746, 30.8713
YIQ	132.1620, 8.8920, 15.0680

Conversions

Conversions Part 2

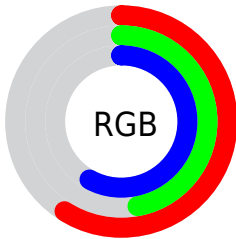
Format	Color
R_{YB}	150, 120, 148
Decimal	9861268
CIE _{Lab}	54.00, 16.72, -10.70
CIE _{LCh}	54, 19.850, 327.381
Yxy	21.9746, 0.3172, 0.2839
Android (android.graphics.Color)	4288051348 (0xFF967894)
YUV	132.1620, 7.8081, 15.6439
Hunter-Lab	46.8770, 11.4633, -6.2321

Details

The CIELCh color $54, 19.850, 327.381$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $59, 19.824, 145.017$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 20.038, 327.036$, and $34, 19.895, 327.921$ is the 20% darker color. If you saturate the color by 10%, you get $50, 29.737, 327.940$, and if you desaturate by 10%, it is $58, 9.896, 326.814$.

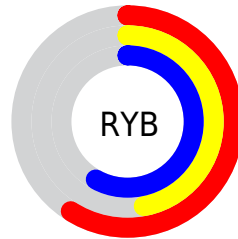
Distribution



Red (59%)

Green (47%)

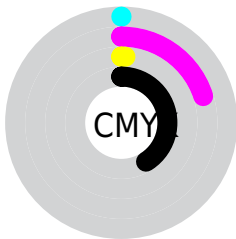
Blue (58%)



Red (59%)

Yellow (47%)

Blue (58%)

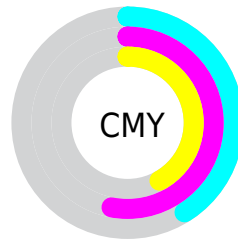


Cyan (0%)

Magenta (20%)

Yellow (1%)

Black (41%)



Cyan (41%)


Magenta (53%)


Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 19.850, 327.381 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, 19.850, 327.381 by changing the saturation by 10% instead.


 54, 19.850,
327.381


 54, 19.850,
327.381


 100, 19.850,
327.381


 44, 19.850,
327.381


 74, 19.850,
327.381

 34, 19.850,
327.381

 84, 19.850,
327.381

 24, 19.850,
327.381

 94, 19.850,
327.381

 14, 19.850,
327.381

 4, 19.850, 327.381

 0, 19.850, 327.381

54, 19.850,
327.381

54, 19.850,
327.381

50, 29.737,
327.940

58, 9.896, 326.814

47, 39.351,
328.485

62, 0.029, 318.535

66, 9.659, 145.774

44, 48.404,
329.007

70, 19.110,
145.246

41, 56.546,
329.496

75, 28.292,
144.747

38, 63.392,
329.943

79, 37.196,
144.274

37, 68.590,
330.343


83, 45.820,
143.828

35, 71.922,
330.700

87, 54.173,
143.407

35, 73.810,

331.025

 92, 62.267,
143.012

Harmonies

Complementary

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



54, 19.850, 327.381



59, 19.824, 145.017

Rectangle

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



54, 19.850, 327.381



54, 19.850, 17.381



54, 19.850, 147.381



54, 19.850, 197.381

Sweetspot

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



54, 19.848, 327.381



75, 7.293, 326.584



51, 17.501, 294.147



39, 4.825, 326.618



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, 19.848, 327.381



67, 29.363, 327.631



54, 14.284, 348.218



29, 5.518, 326.766



32, 69.451, 331.003



1, 4.799, 326.282

Inverse Universe

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



54, 19.848, 327.381



67, 29.363, 327.631



59, 13.851, 164.686



29, 5.518, 326.766



32, 69.451, 331.003



1, 4.799, 326.282

Previews

White Background



This preview shows how the CIELCh color 54, 19.850, 327.381 looks on a white background.

Color Contrast Check

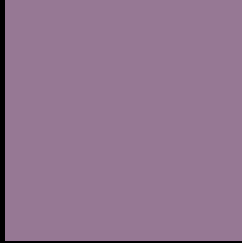
Large Text (above 18pt) WCAG AA ✓ Pass

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, 19.850, 327.381 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, 19.850, 327.381

Background



This preview shows how black text looks on a background with the CIELCh color 54, 19.850, 327.381.



This preview shows how white text looks on a background with the CIELCh color 54, 19.850, 327.381.

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, 19.850, 327.381

Protanopia

54, 14.461, 286.167

Deuteranopia

54, 12.542, 305.544



Tritanopia
54, 11.292, 353.508

Trichromacy



Original Color
54, 19.850, 327.381

Protanomaly
54, 15.369, 303.122

Deuteranomaly
54, 14.671, 316.229

Tritanomaly
54, 14.097, 340.349

Monochromacy



Original Color
54, 19.850, 327.381

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 6.992, 324.797

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 19.850, 327.381 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, 148)` looks like.

```
.text, #text, p{  
    color:rgb(150, 120, 148)  
}
```

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, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 120, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 19.850, 327.381 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, 148) }
```

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

```
.border{ border-color:rgb(150, 120, 148) }
```

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, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 120, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 120, 148);  
box-shadow:4px 4px 4px 4px rgb(150, 120,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 19.850, 327.381 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, 148) }
```

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

```
.background{ background-color: rgb(150,  
120, 148) }
```

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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