

Converting Colors

CIELCh(54, 12.449, 347.281)

Have a look what the booklet for
CIELCh(54, 12.449, 347.281)
contains.

CIELCh(54, 12.467, 347.293)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(54, 12.467, 347.293)

Conversions

Conversions Part 1

Format	Color
Hex	947A86
RGB	148, 122, 134
RGB Percent	58%, 48%, 53%
CMY	0.4192, 0.5211, 0.4741
CMYK	0.00, 0.18, 0.09, 0.42
HSL	332°, 11%, 53%
HSV	332°, 18%, 58%
XYZ	23.5149, 21.9746, 25.5949
YIQ	131.1420, 11.6440, 9.2440

Conversions

Conversions Part 2

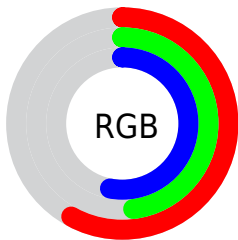
Format	Color
R_{YB}	148, 122, 134
Decimal	9730694
CIE _{Lab}	54.00, 12.16, -2.74
CIE _{LCh}	54, 12.467, 347.293
Yxy	21.9746, 0.3308, 0.3091
Android (android.graphics.Color)	4287920774 (0xFF947A86)
YUV	131.1420, 1.4090, 14.7845
Hunter-Lab	46.8770, 7.5061, 0.4416

Details

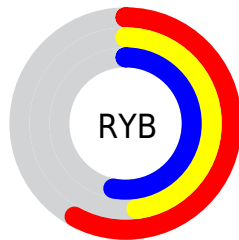
The CIELCh color $54, 12.467, 347.293$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $59, 12.149, 164.282$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 12.648, 346.809$, and $34, 12.461, 348.100$ is the 20% darker color. If you saturate the color by 10%, you get $50, 19.739, 348.331$, and if you desaturate by 10%, it is $58, 5.300, 346.347$.

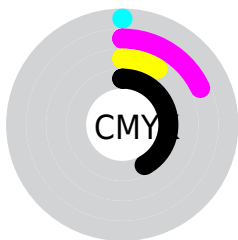
Distribution



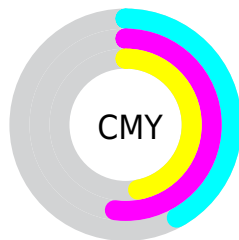
- Red (58%)
- Green (48%)
- Blue (53%)



- Red (58%)
- Yellow (48%)
- Blue (53%)



- Cyan (0%)
- Magenta (18%)
- Yellow (9%)
- Black (42%)



- Cyan (42%)
- Magenta (52%)
- Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 12.467, 347.293 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, 12.467, 347.293 by changing the saturation by 10% instead.


 54, 12.467,
347.293


 54, 12.467,
347.293


 100, 12.467,
347.293

 44, 12.467,
347.293


 74, 12.467,
347.293

 34, 12.467,
347.293

 84, 12.467,
347.293

 24, 12.467,
347.293

 94, 12.467,
347.293

 14, 12.467,
347.293

 4, 12.467, 347.293

 0, 12.467, 347.293

54, 12.467,
347.293

54, 12.467,
347.293

50, 19.739,
348.331

58, 5.300, 346.347

46, 26.994,
349.507

62, 1.681, 165.788

43, 34.034,
350.873

67, 8.439, 164.881

39, 40.588,
352.499

71, 14.957,
164.180

36, 46.321,
354.481

75, 21.236,
163.543

34, 50.883,
356.949

80, 27.285,
162.957

32, 54.022, 0.058

84, 33.116,
162.414

31, 55.883, 3.862

88, 38.745,
161.909

■ 31, 56.335, 4.804

■ 93, 43.968,
161.563

Harmonies

Complementary

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



54, 12.467, 347.293



59, 12.149, 164.282

Rectangle

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



54, 12.467, 347.293



54, 12.467, 37.293



54, 12.467, 167.293



54, 12.467, 217.293

Sweetspot

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



54, 12.465, 347.296



76, 4.353, 346.107



53, 16.008, 310.985



39, 2.964, 346.171



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, 12.465, 347.296



67, 18.639, 347.684



54, 10.399, 23.234



29, 3.966, 346.502



29, 53.436, 4.473



1, 3.427, 345.776

Inverse Universe

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



54, 12.465, 347.296



67, 18.639, 347.684



59, 9.291, 201.622



29, 3.966, 346.502



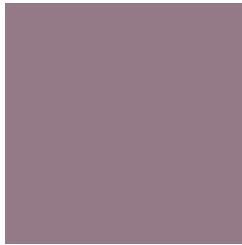
29, 53.436, 4.473



1, 3.427, 345.776

Previews

White Background



This preview shows how the CIELCh color 54, 12.467, 347.293 looks on a white background.

Color Contrast Check

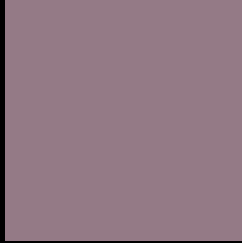
Large Text (above 18pt) WCAG AA ✓ Pass

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, 12.467, 347.293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

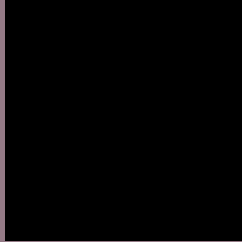
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 12.467, 347.293

Background



This preview shows how black text looks on a background with the CIELCh color 54, 12.467, 347.293.



This preview shows how white text looks on a background with the CIELCh color 54, 12.467, 347.293.

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, 12.467, 347.293

Protanopia

54, 5.792, 294.702

Deuteranopia

54, 7.558, 342.702



Tritanopia
54, 11.914, 351.987

Trichromacy



Original Color
54, 12.467, 347.293

Protanomaly
54, 7.491, 322.325

Deuteranomaly
54, 9.193, 346.182

Tritanomaly
54, 12.180, 349.585

Monochromacy



Original Color
54, 12.467, 347.293

Achromatopsia
55, 0.007, 296.813

Achromatomaly
54, 4.270, 347.231

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 12.467, 347.293 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(148, 122, 134)` looks like.

```
.text, #text, p{  
    color:rgb(148, 122, 134)  
}
```

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(148, 122, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 122, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 12.467, 347.293 is called "border". The border property can be set on classes, ids or directly on the HTML element.

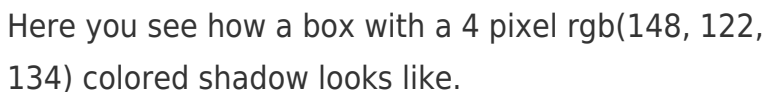
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(148, 122, 134) }
```

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

```
.border{ border-color:rgb(148, 122, 134) }
```

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



Here you see how a box with a 4 pixel `rgb(148, 122, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 122, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 122, 134);  
box-shadow:4px 4px 4px 4px rgb(148, 122,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 12.467, 347.293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 122, 134) }
```

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

```
.background{ background-color: rgb(148,  
122, 134) }
```

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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