

Converting Colors

CIELCh(54, 15.322, 331.115)

Have a look what the booklet for
CIELCh(54, 15.322, 331.115)
contains.

CIELCh(54, 15.120, 331.553)	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, 15.120, 331.553)

Conversions

Conversions Part 1

Format	Color
Hex	937A8E
RGB	147, 122, 142
RGB Percent	58%, 48%, 56%
CMY	0.4246, 0.5226, 0.4442
CMYK	0.00, 0.17, 0.03, 0.42
HSL	312°, 10%, 53%
HSV	312°, 17%, 58%
XYZ	23.7704, 21.9746, 28.4708
YIQ	131.7550, 8.4800, 11.5200

Conversions

Conversions Part 2

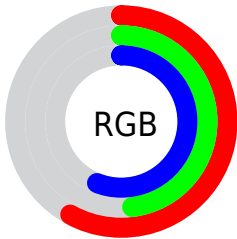
Format	Color
R_{YB}	147, 122, 142
Decimal	9665166
CIE _{Lab}	54.00, 13.29, -7.20
CIE _{LCh}	54, 15.120, 331.553
Yxy	21.9746, 0.3203, 0.2961
Android (android.graphics.Color)	4287855246 (0xFF937A8E)
YUV	131.7550, 5.0508, 13.3699
Hunter-Lab	46.8770, 8.4790, -3.1960

Details

The CIELCh color $54, 15.120, 331.553$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $58, 15.063, 149.406$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 15.550, 330.823$, and $34, 15.312, 331.004$ is the 20% darker color. If you saturate the color by 10%, you get $50, 24.038, 332.202$, and if you desaturate by 10%, it is $58, 6.205, 330.911$.

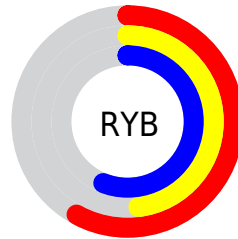
Distribution



Red (58%)

Green (48%)

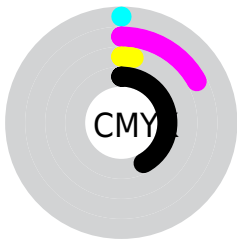
Blue (56%)



Red (58%)

Yellow (48%)

Blue (56%)

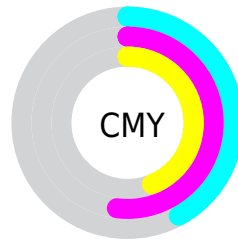


Cyan (0%)

Magenta (17%)

Yellow (3%)

Black (42%)



Cyan (42%)


Magenta (52%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 15.120, 331.553 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, 15.120, 331.553 by changing the saturation by 10% instead.


 54, 15.120,
331.553


 54, 15.120,
331.553


 100, 15.120,
331.553


 44, 15.120,
331.553


 74, 15.120,
331.553

 34, 15.120,
331.553

 84, 15.120,
331.553

 24, 15.120,
331.553

 94, 15.120,
331.553

 14, 15.120,
331.553

 4, 15.120, 331.553

 0, 15.120, 331.553

54, 15.120,
331.553

54, 15.120,
331.553

50, 24.038,
332.202

58, 6.205, 330.911

47, 32.794,
332.868

62, 2.587, 150.450

43, 41.145,
333.555

66, 11.191,
149.807

40, 48.778,
334.266

70, 19.568,
149.255

38, 55.322,
335.010

75, 27.699,
148.735

36, 60.400,
335.804

79, 35.584,
148.244


34, 63.720,
336.675


83, 43.225,
147.781

33, 65.329,

87, 50.634,
147.344

337.645

 92, 57.824,
146.933

 33, 65.722,
337.937

Harmonies

Complementary

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



54, 15.120, 331.553



58, 15.063, 149.406

Rectangle

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



54, 15.120, 331.553



54, 15.120, 21.553



54, 15.120, 151.553



54, 15.120, 201.553

Sweetspot

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



54, 15.118, 331.554



75, 5.472, 330.779



52, 14.655, 298.636



39, 3.764, 330.824



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, 15.118, 331.554



68, 22.063, 331.771



54, 11.061, 356.429



29, 5.026, 331.053



31, 62.807, 337.869



1, 4.368, 330.524

Inverse Universe

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



54, 15.118, 331.554



68, 22.063, 331.771



59, 10.576, 173.288



29, 5.026, 331.053



31, 62.807, 337.869



1, 4.368, 330.524

Previews

White Background



This preview shows how the CIELCh color 54, 15.120, 331.553 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, 15.120, 331.553 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

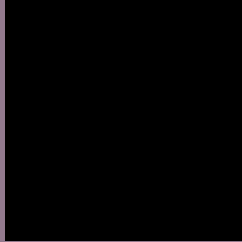
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 15.120, 331.553

Background



This preview shows how black text looks on a background with the CIELCh color 54, 15.120, 331.553.



This preview shows how white text looks on a background with the CIELCh color 54, 15.120, 331.553.

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, 15.120, 331.553

Protanopia

54, 10.385, 289.384

Deuteranopia

54, 9.523, 315.084



Tritanopia
54, 10.513, 347.465

Trichromacy



Original Color
54, 15.120, 331.553

Protanomaly
54, 10.876, 307.684

Deuteranomaly
54, 11.659, 323.437

Tritanomaly
54, 11.809, 341.503

Monochromacy



Original Color
54, 15.120, 331.553

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 5.394, 331.673

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 15.120, 331.553 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(147, 122, 142)` looks like.

```
.text, #text, p{  
    color:rgb(147, 122, 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(147, 122, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 122, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 15.120, 331.553 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(147, 122, 142) }
```

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

```
.border{ border-color:rgb(147, 122, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 122, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 122, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 122, 142);  
box-shadow:4px 4px 4px 4px rgb(147, 122,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 15.120, 331.553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 122, 142) }
```

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

```
.background{ background-color: rgb(147,  
122, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor