

Converting Colors

CIELCh(54, 9.188, 34.652)

Have a look what the booklet for
CIELCh(54, 9.188, 34.652) contains.

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Color

CIELCh(54, 9.424, 34.347)

Conversions

Conversions Part 1

Format	Color
Hex	927C78
RGB	146, 124, 120
RGB Percent	57%, 49%, 47%
CMY	0.4264, 0.5127, 0.5284
CMYK	0.00, 0.15, 0.18, 0.43
HSL	9°, 11%, 52%
HSV	9°, 18%, 57%
XYZ	22.5440, 21.9746, 20.9015
YIQ	130.1220, 14.3960, 3.4200

Conversions

Conversions Part 2

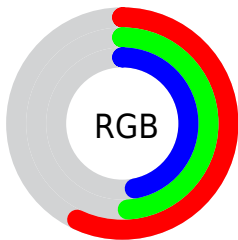
Format	Color
RYB	146, 125, 120
Decimal	9600120
CIELab	54.00, 7.78, 5.32
CIElCh	54, 9.424, 34.347
Yxy	21.9746, 0.3446, 0.3359
Android (android.graphics.Color)	4287790200 (0xFF927C78)
YUV	130.1220, -4.9901, 13.9250
Hunter-Lab	46.8770, 3.8091, 6.3777

Details

The CIELCh color $54, 9.424, 34.347$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $58, 8.396, 214.529$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 9.285, 36.873$, and $34, 9.361, 32.201$ is the 20% darker color. If you saturate the color by 10%, you get $50, 15.335, 34.622$, and if you desaturate by 10%, it is $58, 3.961, 34.185$.

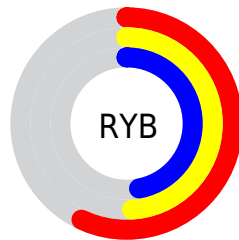
Distribution



Red (57%)

Green (49%)

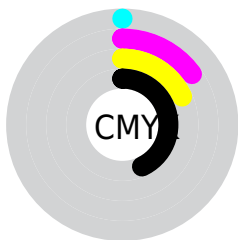
Blue (47%)



Red (57%)

Yellow (49%)

Blue (47%)

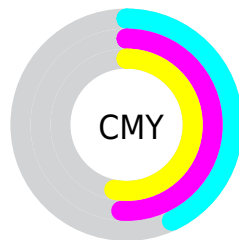


Cyan (0%)

Magenta (15%)

Yellow (18%)

Black (43%)



Cyan (43%)

Magenta (51%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 9.424, 34.347 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, 9.424, 34.347 by changing the saturation by 10% instead.

 54, 9.424, 34.347  54, 9.424, 34.347

 100, 9.424, 34.347  44, 9.424, 34.347

 74, 9.424, 34.347  34, 9.424, 34.347

 84, 9.424, 34.347  24, 9.424, 34.347

 94, 9.424, 34.347  14, 9.424, 34.347

 4, 9.424, 34.347

 0, 9.424, 34.347

 54, 9.424, 34.347  54, 9.424, 34.347

 50, 15.335, 34.622  58, 3.961, 34.185

 47, 21.717, 35.055  61, 1.086, 214.695

44, 28.567, 35.705

65, 5.755, 214.442

40, 35.842, 36.619

69, 10.089,
214.543

38, 43.439, 37.821

73, 14.124,
214.706

35, 51.138, 39.267

33, 58.480, 40.743

77, 17.898,
214.905

31, 64.718, 41.937

81, 21.441,
215.127

31, 65.985, 42.264

85, 24.783,
215.365

88, 27.949,
215.611

Harmonies

Complementary

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



54, 9.424, 34.347



58, 8.396, 214.529

Rectangle

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



54, 9.424, 34.347



54, 9.424, 84.347



54, 9.424, 214.347



54, 9.424, 264.347

Sweetspot

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



54, 9.423, 34.358



75, 3.132, 34.115



54, 16.311, 329.871



39, 2.160, 34.136



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, 9.423, 34.358



68, 14.056, 34.439



57, 10.299, 87.561



29, 2.918, 34.211



29, 62.770, 42.108



1, 2.467, 34.276

Inverse Universe

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



58, 8.396, 214.529



73, 12.201, 214.610



54, 10.229, 272.211



30, 2.756, 214.436



45, 27.564, 224.733



2, 2.467, 214.296

Previews

White Background



This preview shows how the CIELCh color 54, 9.424, 34.347 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, 9.424, 34.347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

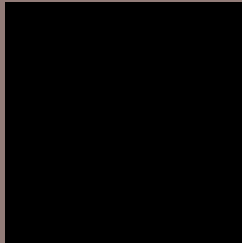
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 9.424, 34.347

Background



This preview shows how black text looks on a background with the CIELCh color 54, 9.424, 34.347.



This preview shows how white text looks on a background with the CIELCh color 54, 9.424, 34.347.

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, 9.424, 34.347

Protanopia

54, 3.794, 84.450

Deuteranopia

54, 8.786, 39.172



Tritanopia
54, 11.914, 351.987

Trichromacy



Original Color
54, 9.424, 34.347

Protanomaly
54, 5.331, 52.255

Deuteranomaly
54, 8.786, 39.172

Tritanomaly
54, 10.149, 4.151

Monochromacy



Original Color
54, 9.424, 34.347

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 3.417, 39.219

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 9.424, 34.347 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(146, 124, 120)` looks like.

```
.text, #text, p{  
    color:rgb(146, 124, 120)  
}
```

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(146, 124, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 124, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 9.424, 34.347 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(146, 124, 120) }
```

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

```
.border{ border-color:rgb(146, 124, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 124, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 124, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 124, 120);  
box-shadow:4px 4px 4px 4px rgb(146, 124,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 9.424, 34.347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 124, 120) }
```

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

```
.background{ background-color: rgb(146,  
124, 120) }
```

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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