

Converting Colors

CIELCh(54, 5.356, 60.870)

Have a look what the booklet for
CIELCh(54, 5.356, 60.870) contains.

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Color

CIELCh(54, 5.347, 59.727)

Conversions

Conversions Part 1

Format	Color
Hex	897F79
RGB	137, 127, 121
RGB Percent	54%, 50%, 47%
CMY	0.4617, 0.5009, 0.5245
CMYK	0.00, 0.07, 0.12, 0.46
HSL	23°, 6%, 51%
HSV	23°, 12%, 54%
XYZ	21.4510, 21.9746, 21.2839
YIQ	129.3060, 7.8860, 0.2540

Conversions

Conversions Part 2

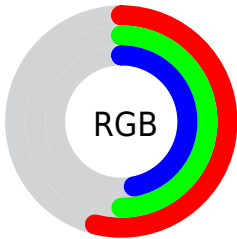
Format	Color
R_{YB}	137, 131, 121
Decimal	9011065
CIE Lab	54.00, 2.70, 4.62
CIE LCh	54, 5.347, 59.727
Yxy	21.9746, 0.3315, 0.3396
Android (android.graphics.Color)	4287201145 (0xFF897F79)
YUV	129.3060, -4.0949, 6.7476
Hunter-Lab	46.8770, -0.3531, 5.8941

Details

The CIELCh color $54, 5.347, 59.727$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $54, 5.086, 242.127$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 5.356, 64.304$, and $34, 5.121, 57.315$ is the 20% darker color. If you saturate the color by 10%, you get $51, 10.260, 58.894$, and if you desaturate by 10%, it is $57, 0.735, 60.242$.

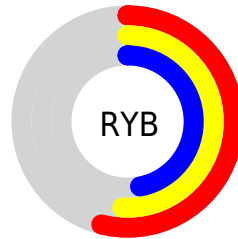
Distribution



Red (54%)

Green (50%)

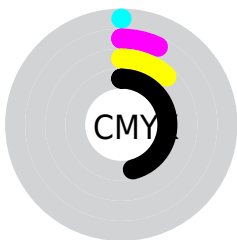
Blue (47%)



Red (54%)

Yellow (51%)

Blue (47%)

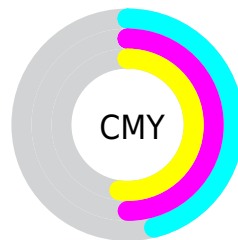


Cyan (0%)

Magenta (7%)

Yellow (12%)

Black (46%)



Cyan (46%)

Magenta (50%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 5.347, 59.727 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, 5.347, 59.727 by changing the saturation by 10% instead.

 54, 5.347, 59.727  54, 5.347, 59.727

 100, 5.347, 59.727  44, 5.347, 59.727

 74, 5.347, 59.727  34, 5.347, 59.727

 84, 5.347, 59.727  24, 5.347, 59.727

 94, 5.347, 59.727  14, 5.347, 59.727

 4, 5.347, 59.727

 0, 5.347, 59.727

 54, 5.347, 59.727  54, 5.347, 59.727

 51, 10.260, 58.894  57, 0.735, 60.242

 49, 15.501, 58.058  60, 3.606, 241.730

46, 21.090, 57.265

62, 7.707, 242.594

44, 27.029, 56.525

65, 11.594,
243.484

41, 33.285, 55.835

68, 15.294,
244.365

39, 39.751, 55.156

37, 46.179, 54.379

71, 18.829,
245.229

35, 52.050, 53.254

74, 22.219,
246.069

33, 56.757, 52.468

76, 25.483,
246.882

79, 28.634,
247.666

Harmonies

Complementary

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



54, 5.347, 59.727



54, 5.086, 242.127

Rectangle

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



54, 5.347, 59.727



54, 5.347, 109.727



54, 5.347, 239.727



54, 5.347, 289.727

Sweetspot

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



54, 5.347, 59.747



72, 1.656, 60.334



53, 8.684, 337.910



37, 1.254, 60.317



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54, 5.347, 59.747



68, 8.023, 59.523



56, 7.940, 102.911



28, 2.573, 59.953



32, 55.234, 52.551



1, 1.165, 60.861

Inverse Universe

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



54, 5.086, 242.127



68, 7.536, 242.425



52, 8.086, 285.441



28, 2.477, 241.866



34, 33.830, 267.225



1, 1.165, 240.878

Previews

White Background



This preview shows how the CIELCh color 54, 5.347, 59.727 looks on a white background.

Color Contrast Check

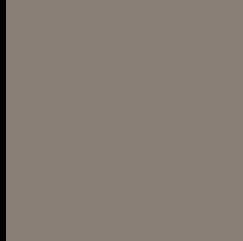
Large Text (above 18pt) WCAG AA ✓ Pass

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, 5.347, 59.727 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

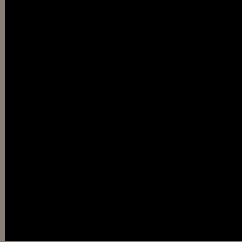
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 5.347, 59.727

Background



This preview shows how black text looks on a background with the CIELCh color 54, 5.347, 59.727.



This preview shows how white text looks on a background with the CIELCh color 54, 5.347, 59.727.

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, 5.347, 59.727

Protanopia

54, 4.323, 87.584

Deuteranopia

54, 8.015, 32.529



Tritanopia
54, 8.017, 334.340

Trichromacy



Original Color

54, 5.347, 59.727

Protanomaly

54, 4.461, 69.997

Deuteranomaly

54, 6.966, 39.187

Tritanomaly

54, 5.336, 354.413

Monochromacy



Original Color

54, 5.347, 59.727

Achromatopsia

54, 0.007, 296.813

Achromatomaly

54, 1.960, 55.170

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 5.347, 59.727 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(137, 127, 121)` looks like.

```
.text, #text, p{  
    color:rgb(137, 127, 121)  
}
```

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(137, 127, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 127, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 5.347, 59.727 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(137, 127, 121) }
```

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

```
.border{ border-color:rgb(137, 127, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 127, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 127, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 127, 121);  
box-shadow:4px 4px 4px 4px rgb(137, 127,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 5.347, 59.727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 127, 121) }
```

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

```
.background{ background-color: rgb(137,  
127, 121) }
```

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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