

Converting Colors

CIELCh(54, 9.145, 305.425)

Have a look what the booklet for
CIELCh(54, 9.145, 305.425) contains.

CIELCh(54, 8.897, 303.621)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(54, 8.897, 303.621)

Conversions

Conversions Part 1

Format	Color
Hex	847F8E
RGB	132, 127, 142
RGB Percent	52%, 50%, 56%
CMY	0.4830, 0.5026, 0.4438
CMYK	0.07, 0.11, 0.00, 0.44
HSL	260°, 6%, 53%
HSV	260°, 11%, 56%
XYZ	21.9260, 21.9746, 28.6089
YIQ	130.2050, -1.8350, 5.7250

Conversions

Conversions Part 2

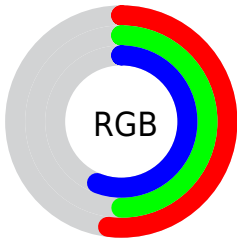
Format	Color
R_{YB}	132, 127, 142
Decimal	8683406
CIE _{Lab}	54.00, 4.93, -7.41
CIE _{LCh}	54, 8.897, 303.621
Yxy	21.9746, 0.3024, 0.3031
Android (android.graphics.Color)	4286873486 (0xFF847F8E)
YUV	130.2050, 5.8149, 1.5742
Hunter-Lab	46.8770, 1.4557, -3.3705

Details

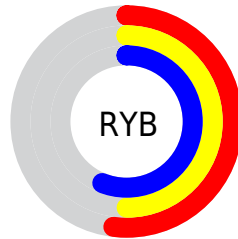
The CIELCh color $54, 8.897, 303.621$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $58, 8.725, 122.496$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 8.885, 302.733$, and $34, 9.060, 304.709$ is the 20% darker color. If you saturate the color by 10%, you get $49, 17.597, 304.241$, and if you desaturate by 10%, it is $59, 0.480, 302.976$.

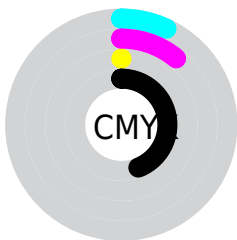
Distribution



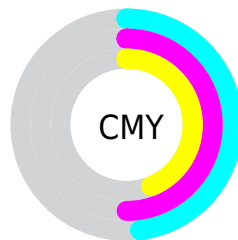
- Red (52%)
- Green (50%)
- Blue (56%)



- Red (52%)
- Yellow (50%)
- Blue (56%)



- Cyan (7%)
- Magenta (11%)
- Yellow (0%)
- Black (44%)



- Cyan (48%)
- Magenta (50%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 8.897, 303.621 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, 8.897, 303.621 by changing the saturation by 10% instead.

■ 54, 8.897, 303.621

■ 54, 8.897, 303.621

■ 100, 8.897,
303.621

■ 44, 8.897, 303.621

■ 74, 8.897, 303.621

■ 34, 8.897, 303.621

■ 84, 8.897, 303.621

■ 24, 8.897, 303.621

■ 94, 8.897, 303.621

■ 14, 8.897, 303.621

■ 4, 8.897, 303.621

■ 0, 8.897, 303.621

■ 54, 8.897, 303.621

■ 54, 8.897, 303.621

■ 49, 17.597,
304.241

■ 59, 0.480, 302.976

■ 63, 7.653, 122.598

45, 26.576,
304.934

68, 15.516,
122.174

40, 35.799,
305.691

73, 23.120,
121.808

35, 45.181,
306.496

77, 30.481,
121.491

31, 54.552,
307.310

82, 37.613,
121.218

27, 63.592,
308.064

86, 44.530,
120.983

23, 71.768,
308.649

91, 51.244,
120.782

20, 78.328,
308.917

95, 57.770,
120.610

18, 83.200,
308.992

Harmonies

Complementary

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



54, 8.897, 303.621



58, 8.725, 122.496

Rectangle

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



54, 8.897, 303.621



54, 8.897, 353.621



54, 8.897, 123.621



54, 8.897, 173.621

Sweetspot

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



54, 8.895, 303.618



73, 3.083, 303.186



56, 4.694, 234.558



38, 2.330, 303.230



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



54, 8.895, 303.618



67, 13.563, 303.779



55, 9.896, 319.749



28, 4.767, 303.537



17, 80.292, 309.036



0, 3.174, 303.042

Inverse Universe

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



55, 8.273, 336.354



68, 12.584, 336.553



58, 9.842, 138.840



28, 4.438, 336.251



29, 56.717, 346.756



1, 2.975, 335.658

Previews

White Background



This preview shows how the CIELCh color 54, 8.897, 303.621 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, 8.897, 303.621 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

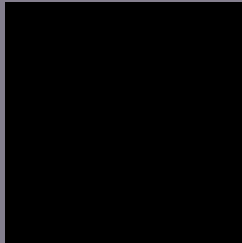
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

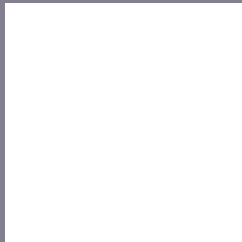
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 8.897, 303.621

Background



This preview shows how black text looks on a background with the CIELCh color 54, 8.897, 303.621.



This preview shows how white text looks on a background with the CIELCh color 54, 8.897, 303.621.

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, 8.897, 303.621

Protanopia

54, 8.658, 288.742

Deuteranopia

54, 10.050, 313.756



Tritanopia
54, 5.903, 302.205

Trichromacy



Original Color

54, 8.897, 303.621

Protanomaly

54, 8.670, 293.740

Deuteranomaly

54, 9.778, 309.551

Tritanomaly

54, 6.469, 301.240

Monochromacy



Original Color

54, 8.897, 303.621

Achromatopsia

54, 0.007, 296.813

Achromatomaly

54, 3.000, 305.656

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 8.897, 303.621 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(132, 127, 142)` looks like.

```
.text, #text, p{  
    color:rgb(132, 127, 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(132, 127, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 127, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 8.897, 303.621 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(132, 127, 142) }
```

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

```
.border{ border-color:rgb(132, 127, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 127, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 127, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 127, 142);  
box-shadow:4px 4px 4px 4px rgb(132, 127,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 8.897, 303.621 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 127, 142) }
```

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

```
.background{ background-color: rgb(132,  
127, 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](#).

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