

Converting Colors

CIELCh(54, 7.146, 45.514)

Have a look what the booklet for
CIELCh(54, 7.146, 45.514) contains.

CIELCh(54, 7.195, 43.422)	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, 7.195, 43.422)

Conversions

Conversions Part 1

Format	Color
Hex	8E7E79
RGB	142, 126, 121
RGB Percent	56%, 49%, 47%
CMY	0.4440, 0.5067, 0.5263
CMYK	0.00, 0.11, 0.15, 0.44
HSL	14°, 8%, 51%
HSV	14°, 15%, 56%
XYZ	21.9903, 21.9746, 21.1041
YIQ	130.2140, 11.1410, 1.8370

Conversions

Conversions Part 2

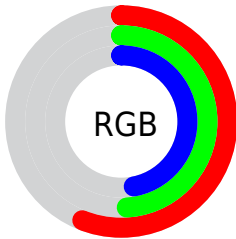
Format	Color
R_{YB}	142, 128, 121
Decimal	9338489
CIE _{Lab}	54.00, 5.23, 4.95
CIE _{LCh}	54, 7.195, 43.422
Yxy	21.9746, 0.3380, 0.3377
Android (android.graphics.Color)	4287528569 (0xFF8E7E79)
YUV	130.2140, -4.5425, 10.3363
Hunter-Lab	46.8770, 1.7006, 6.1215

Details

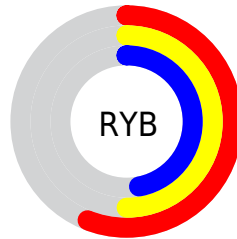
The CIELCh color $54, 7.195, 43.422$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $56, 6.585, 224.789$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 7.282, 46.124$, and $34, 7.269, 40.294$ is the 20% darker color. If you saturate the color by 10%, you get $51, 12.540, 43.225$, and if you desaturate by 10%, it is $57, 2.246, 43.635$.

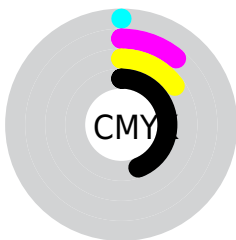
Distribution



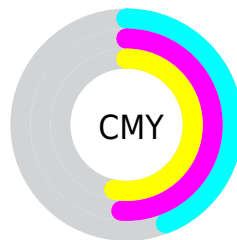
- Red (56%)
- Green (49%)
- Blue (47%)



- Red (56%)
- Yellow (50%)
- Blue (47%)



- Cyan (0%)
- Magenta (11%)
- Yellow (15%)
- Black (44%)



- Cyan (44%)
- Magenta (51%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 7.195, 43.422 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, 7.195, 43.422 by changing the saturation by 10% instead.

 54, 7.195, 43.422  54, 7.195, 43.422

 100, 7.195, 43.422  44, 7.195, 43.422

 74, 7.195, 43.422  34, 7.195, 43.422

 84, 7.195, 43.422  24, 7.195, 43.422

 94, 7.195, 43.422  14, 7.195, 43.422

 4, 7.195, 43.422

 0, 7.195, 43.422

 54, 7.195, 43.422  54, 7.195, 43.422

 51, 12.540, 43.225  57, 2.246, 43.635

 48, 18.312, 43.113  61, 2.343, 224.385

44, 24.530, 43.139

64, 6.608, 224.708

42, 31.185, 43.331

68, 10.589,
225.153

39, 38.222, 43.699

71, 14.317,
225.631

36, 45.497, 44.208

34, 52.678, 44.713

74, 17.824,
226.124

32, 59.100, 44.891

78, 21.138,
226.623

31, 62.267, 45.169

81, 24.281,
227.121

85, 27.274,
227.613

Harmonies

Complementary

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



54, 7.195, 43.422



56, 6.585, 224.789

Rectangle

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



54, 7.195, 43.422



54, 7.195, 93.422



54, 7.195, 223.422



54, 7.195, 273.422

Sweetspot

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



54, 7.194, 43.437



73, 2.301, 43.628



53, 12.471, 332.630



38, 1.634, 43.635



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, 7.194, 43.437



67, 10.952, 43.353



57, 9.037, 94.354



28, 2.699, 43.573



30, 59.849, 45.121



1, 1.766, 43.990

Inverse Universe

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



56, 6.585, 224.789



70, 9.793, 225.009



53, 9.107, 277.984



29, 2.560, 224.508



40, 28.038, 242.514



1, 1.766, 224.010

Previews

White Background



This preview shows how the CIE LCh color 54, 7.195, 43.422 looks on a white background.

Color Contrast Check

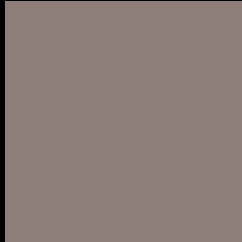
Large Text (above 18pt) WCAG AA ✓ Pass

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, 7.195, 43.422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

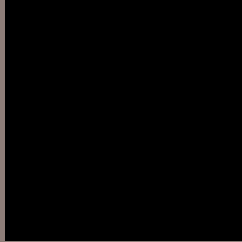
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 7.195, 43.422

Background



This preview shows how black text looks on a background with the CIELCh color 54, 7.195, 43.422.



This preview shows how white text looks on a background with the CIELCh color 54, 7.195, 43.422.

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, 7.195, 43.422

Protanopia

54, 4.323, 87.584

Deuteranopia

54, 8.589, 35.641



Tritanopia
54, 9.516, 343.296

Trichromacy



Original Color

54, 7.195, 43.422

Protanomaly

54, 4.735, 66.161

Deuteranomaly

54, 8.182, 36.391

Tritanomaly

54, 7.618, 2.701

Monochromacy



Original Color

54, 7.195, 43.422

Achromatopsia

54, 0.007, 296.813

Achromatomaly

54, 2.469, 32.937

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 54, 7.195, 43.422 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(142, 126, 121)` looks like.

```
.text, #text, p{  
    color:rgb(142, 126, 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(142, 126, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 126, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 7.195, 43.422 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(142, 126, 121) }
```

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

```
.border{ border-color:rgb(142, 126, 121) }
```

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

Here you see how a box with a 4 pixel rgb(142, 126, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 126, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 126, 121);  
box-shadow:4px 4px 4px 4px rgb(142, 126,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 7.195, 43.422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 126, 121) }
```

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

```
.background{ background-color: rgb(142,  
126, 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](#).

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