

Converting Colors

CIELCh(54, 8.238, 1.551)

Have a look what the booklet for
CIELCh(54, 8.238, 1.551) contains.

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Color

CIELCh(54, 8.571, 0.798)

Conversions

Conversions Part 1

Format	Color
Hex	907C81
RGB	144, 124, 129
RGB Percent	56%, 49%, 51%
CMY	0.4348, 0.5132, 0.4936
CMYK	0.00, 0.14, 0.10, 0.43
HSL	345°, 8%, 53%
HSV	345°, 14%, 57%
XYZ	22.7169, 21.9746, 23.8556
YIQ	130.5500, 10.3150, 5.7950

Conversions

Conversions Part 2

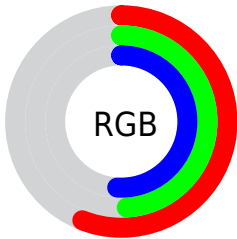
Format	Color
R_{YB}	144, 124, 129
Decimal	9469057
CIE _{Lab}	54.00, 8.57, 0.12
CIE _{LCh}	54, 8.571, 0.798
Yxy	21.9746, 0.3314, 0.3206
Android (android.graphics.Color)	4287659137 (0xFF907C81)
YUV	130.5500, -0.7641, 11.7957
Hunter-Lab	46.8770, 4.4676, 2.6413

Details

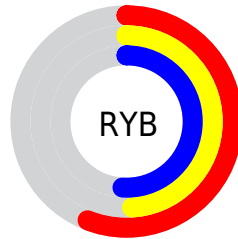
The CIELCh color $54, 8.571, 0.798$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $58, 8.186, 178.327$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 8.387, 1.345$, and $34, 8.515, 359.306$ is the 20% darker color. If you saturate the color by 10%, you get $50, 15.056, 1.962$, and if you desaturate by 10%, it is $58, 2.342, 359.707$.

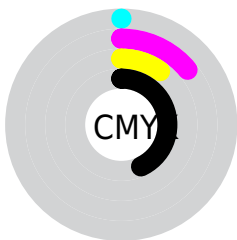
Distribution



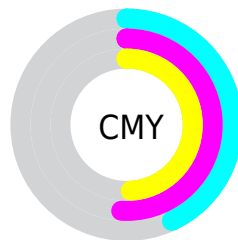
- Red (56%)
- Green (49%)
- Blue (51%)



- Red (56%)
- Yellow (49%)
- Blue (51%)



- Cyan (0%)
- Magenta (14%)
- Yellow (10%)
- Black (43%)



- Cyan (43%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 8.571, 0.798 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, 8.571, 0.798 by changing the saturation by 10% instead.

 54, 8.571, 0.798

 54, 8.571, 0.798

 100, 8.571, 0.798

 44, 8.571, 0.798

 74, 8.571, 0.798

 34, 8.571, 0.798

 84, 8.571, 0.798

 24, 8.571, 0.798

 94, 8.571, 0.798

 14, 8.571, 0.798

 4, 8.571, 0.798

 0, 8.571, 0.798

 54, 8.571, 0.798

 54, 8.571, 0.798

 50, 15.056, 1.962

 58, 2.342, 359.707

 46, 21.736, 3.317

 62, 3.600, 179.128

42, 28.495, 4.948

67, 9.252, 178.309

39, 35.150, 6.950

71, 14.625,
177.621

36, 41.459, 9.450

75, 19.737,
177.008

33, 47.150, 12.595

31, 52.012, 16.528

80, 24.609,
176.454

30, 56.002, 21.296

84, 29.264,
175.949

30, 58.397, 24.241

88, 33.723,
175.486

93, 38.006,
175.059

Harmonies

Complementary

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



54, 8.571, 0.798



58, 8.186, 178.327

Rectangle

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



54, 8.571, 0.798



54, 8.571, 50.798



54, 8.571, 180.798



54, 8.571, 230.798

Sweetspot

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



54, 8.569, 0.805



73, 2.978, 359.734



54, 12.961, 317.861



39, 2.136, 359.821



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



54, 8.569, 0.805



67, 13.032, 1.189



55, 6.777, 44.804



28, 3.424, 0.303



28, 55.597, 23.870



0, 2.267, 359.523

Inverse Universe

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



54, 8.569, 0.805



67, 13.032, 1.189



57, 6.247, 226.235



28, 3.424, 0.303



28, 55.597, 23.870



0, 2.267, 359.523

Previews

White Background



This preview shows how the CIELCh color 54, 8.571, 0.798 looks on a white background.

Color Contrast Check

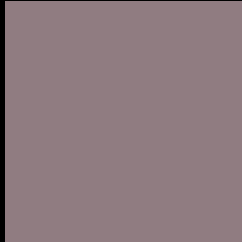
Large Text (above 18pt) WCAG AA ✓ Pass

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, 8.571, 0.798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

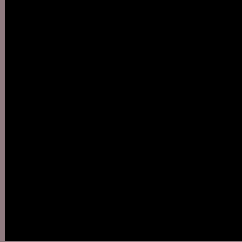
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 8.571, 0.798

Background



This preview shows how black text looks on a background with the CIELCh color 54, 8.571, 0.798.



This preview shows how white text looks on a background with the CIELCh color 54, 8.571, 0.798.

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, 8.571, 0.798

Protanopia

54, 1.914, 314.693

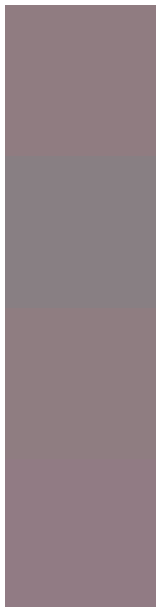
Deuteranopia

54, 7.229, 1.667



Tritanopia
54, 10.513, 347.465

Trichromacy



Original Color

54, 8.571, 0.798

Protanomaly

54, 4.275, 347.236

Deuteranomaly

54, 7.618, 2.701

Tritanomaly

54, 10.227, 350.198

Monochromacy



Original Color

54, 8.571, 0.798

Achromatopsia

55, 0.007, 296.813

Achromatomaly

54, 3.402, 359.937

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 8.571, 0.798 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(144, 124, 129)` looks like.

```
.text, #text, p{  
    color:rgb(144, 124, 129)  
}
```

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(144, 124, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 124, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 8.571, 0.798 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(144, 124, 129) }
```

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

```
.border{ border-color:rgb(144, 124, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 124, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 124, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 124, 129);  
box-shadow:4px 4px 4px 4px rgb(144, 124,  
129) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 8.571, 0.798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 124, 129) }
```

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

```
.background{ background-color: rgb(144,  
124, 129) }
```

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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