

Converting Colors

CIELCh(54, 5.814, 81.217)

Have a look what the booklet for
CIELCh(54, 5.814, 81.217) contains.

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Color

CIELCh(54, 5.906, 80.384)

Conversions

Conversions Part 1

Format	Color
Hex	878077
RGB	135, 128, 119
RGB Percent	53%, 50%, 47%
CMY	0.4700, 0.4975, 0.5328
CMYK	0.00, 0.05, 0.12, 0.47
HSL	34°, 6%, 50%
HSV	34°, 12%, 53%
XYZ	21.0917, 21.9746, 20.6277
YIQ	129.0670, 7.0610, -1.3150

Conversions

Conversions Part 2

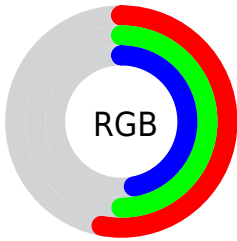
Format	Color
R_{YB}	131, 135, 119
Decimal	8880247
CIE _{Lab}	54.00, 0.99, 5.82
CIE _{LCh}	54, 5.906, 80.384
Yxy	21.9746, 0.3311, 0.3450
Android (android.graphics.Color)	4287070327 (0xFF878077)
YUV	129.0670, -4.9630, 5.2032
Hunter-Lab	46.8770, -1.7211, 6.7240

Details

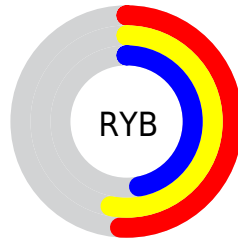
The CIELCh color $54, 5.906, 80.384$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $53, 5.809, 263.478$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 6.007, 83.152$, and $34, 5.686, 80.789$ is the 20% darker color. If you saturate the color by 10%, you get $52, 11.091, 79.161$, and if you desaturate by 10%, it is $56, 0.898, 81.399$.

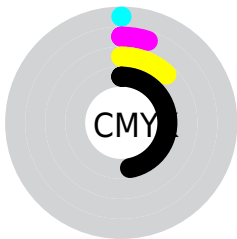
Distribution



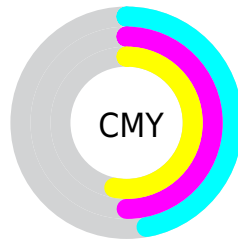
- Red (53%)
- Green (50%)
- Blue (47%)



- Red (51%)
- Yellow (53%)
- Blue (47%)



- Cyan (0%)
- Magenta (5%)
- Yellow (12%)
- Black (47%)



- Cyan (47%)
- Magenta (50%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 5.906, 80.384 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, 5.906, 80.384 by changing the saturation by 10% instead.

■ 54, 5.906, 80.384 ■ 54, 5.906, 80.384

■ 100, 5.906, 80.384 ■ 44, 5.906, 80.384

■ 74, 5.906, 80.384 ■ 34, 5.906, 80.384

■ 84, 5.906, 80.384 ■ 24, 5.906, 80.384

■ 94, 5.906, 80.384 ■ 14, 5.906, 80.384

■ 4, 5.906, 80.384

■ 0, 5.906, 80.384

■ 54, 5.906, 80.384 ■ 54, 5.906, 80.384

■ 52, 11.091, 79.161 ■ 56, 0.898, 81.399

■ 50, 16.458, 77.881 ■ 58, 3.947, 262.912

48, 21.999, 76.570

60, 8.641, 264.023

46, 27.685, 75.227

62, 13.199,
265.113

45, 33.437, 73.836

64, 17.635,
266.161

43, 39.096, 72.356

41, 44.353, 70.691

66, 21.962,
267.163

40, 48.701, 68.661

68, 26.191,
268.119

38, 51.924, 66.986

71, 30.332,
269.028

73, 34.395,
269.891

Harmonies

Complementary

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



54, 5.906, 80.384



53, 5.809, 263.478

Rectangle

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



54, 5.906, 80.384



54, 5.906, 130.384



54, 5.906, 260.384



54, 5.906, 310.384

Sweetspot

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



54, 5.907, 80.400



71, 2.438, 81.274



52, 7.691, 347.405



37, 1.749, 81.209



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, 5.907, 80.400



68, 8.701, 80.100



56, 9.120, 111.133



27, 2.756, 80.726



37, 50.482, 67.128



0, 0.652, 81.881

Inverse Universe

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



53, 5.809, 263.478



66, 8.519, 263.833



51, 9.362, 293.244



26, 2.724, 263.107



25, 48.008, 288.298



0, 0.652, 261.891

Previews

White Background



This preview shows how the CIELCh color 54, 5.906, 80.384 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, 5.906, 80.384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

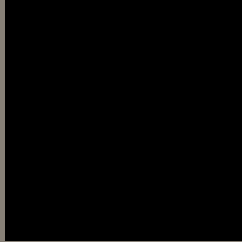
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 5.906, 80.384

Background



This preview shows how black text looks on a background with the CIELCh color 54, 5.906, 80.384.



This preview shows how white text looks on a background with the CIELCh color 54, 5.906, 80.384.

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

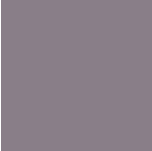
54, 5.906, 80.384

Protanopia

54, 6.084, 89.754

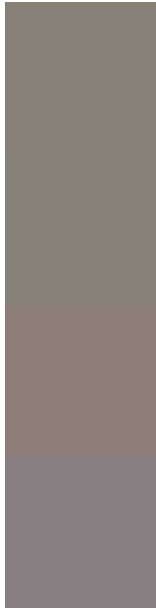
Deuteranopia

54, 8.786, 39.172



Tritanopia
54, 7.240, 327.414

Trichromacy



Original Color

54, 5.906, 80.384

Protanomaly

54, 6.084, 89.754

Deuteranomaly

54, 7.090, 48.908

Tritanomaly

54, 3.998, 354.196

Monochromacy



Original Color

54, 5.906, 80.384

Achromatopsia

54, 0.007, 296.813

Achromatomaly

54, 2.423, 90.511

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 5.906, 80.384 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(135, 128, 119)` looks like.

```
.text, #text, p{  
    color:rgb(135, 128, 119)  
}
```

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(135, 128, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 128, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 5.906, 80.384 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(135, 128, 119) }
```

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

```
.border{ border-color:rgb(135, 128, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 128, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 128, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 128, 119);  
box-shadow:4px 4px 4px 4px rgb(135, 128,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 5.906, 80.384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 128, 119) }
```

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

```
.background{ background-color: rgb(135,  
128, 119) }
```

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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