

Converting Colors

CIELCh(54, 3.985, 46.383)

Have a look what the booklet for
CIELCh(54, 3.985, 46.383) contains.

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Color

CIELCh(54, 4.029, 44.956)

Conversions

Conversions Part 1

Format	Color
Hex	887F7C
RGB	136, 127, 124
RGB Percent	53%, 50%, 49%
CMY	0.4655, 0.5008, 0.5126
CMYK	0.00, 0.07, 0.09, 0.47
HSL	15°, 5%, 51%
HSV	15°, 9%, 53%
XYZ	21.4839, 21.9746, 22.2731
YIQ	129.3490, 6.3270, 0.9750

Conversions

Conversions Part 2

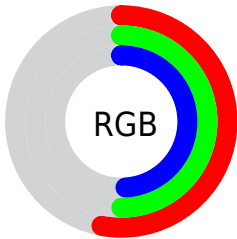
Format	Color
R_{YB}	136, 128, 124
Decimal	8945532
CIE Lab	54.00, 2.85, 2.85
CIE LCh	54, 4.029, 44.956
Yxy	21.9746, 0.3268, 0.3343
Android (android.graphics.Color)	4287135612 (0xFF887F7C)
YUV	129.3490, -2.6371, 5.8329
Hunter-Lab	46.8770, -0.2278, 4.6429

Details

The CIELCh color $54, 4.029, 44.956$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $55, 3.834, 225.985$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 4.024, 51.925$, and $34, 4.025, 47.510$ is the 20% darker color. If you saturate the color by 10%, you get $51, 8.941, 44.685$, and if you desaturate by 10%, it is $57, 0.527, 226.252$.

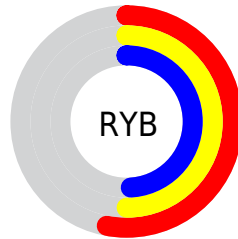
Distribution



Red (53%)

Green (50%)

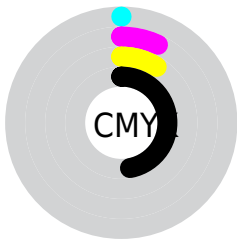
Blue (49%)



Red (53%)

Yellow (50%)

Blue (49%)

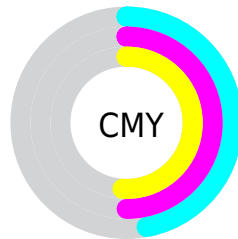


Cyan (0%)

Magenta (7%)

Yellow (9%)

Black (47%)



Cyan (47%)

Magenta (50%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 4.029, 44.956 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, 4.029, 44.956 by changing the saturation by 10% instead.

 54, 4.029, 44.956  54, 4.029, 44.956

 100, 4.029, 44.956  44, 4.029, 44.956


 74, 4.029, 44.956  34, 4.029, 44.956

 84, 4.029, 44.956  24, 4.029, 44.956


 94, 4.029, 44.956  14, 4.029, 44.956

 4, 4.029, 44.956

 0, 4.029, 44.956

 54, 4.029, 44.956  54, 4.029, 44.956

 51, 8.941, 44.685  57, 0.527, 226.252

 48, 14.244, 44.443  60, 4.763, 226.050

45, 19.962, 44.309

64, 8.713, 226.514

42, 26.107, 44.315

67, 12.412,
227.023

39, 32.658, 44.480

70, 15.889,
227.550

37, 39.538, 44.801

34, 46.558, 45.209

74, 19.172,
228.084

32, 53.290, 45.493

77, 22.285,
228.617

31, 59.270, 45.606

80, 25.247,
229.145

83, 28.078,
229.664

Harmonies

Complementary

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



54, 4.029, 44.956



55, 3.834, 225.985

Rectangle

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



54, 4.029, 44.956



54, 4.029, 94.956



54, 4.029, 224.956



54, 4.029, 274.956

Sweetspot

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



54, 4.029, 44.981



71, 1.652, 45.023



53, 7.072, 332.857



37, 1.266, 45.049



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, 4.029, 44.981



67, 6.255, 44.911



56, 5.272, 96.206



27, 2.606, 44.971



30, 58.599, 45.626



1, 1.172, 45.436

Inverse Universe

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



55, 3.834, 225.985



69, 5.865, 226.106



53, 5.311, 278.305



28, 2.475, 226.001



39, 27.957, 244.883



1, 1.172, 225.456

Previews

White Background



This preview shows how the CIELCh color 54, 4.029, 44.956 looks on a white background.

Color Contrast Check

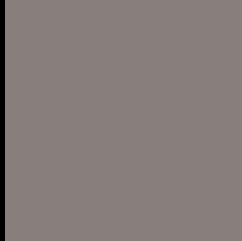
Large Text (above 18pt) WCAG AA ✓ Pass

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, 4.029, 44.956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

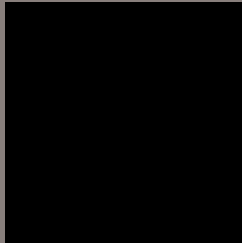
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 4.029, 44.956

Background



This preview shows how black text looks on a background with the CIELCh color 54, 4.029, 44.956.



This preview shows how white text looks on a background with the CIELCh color 54, 4.029, 44.956.

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

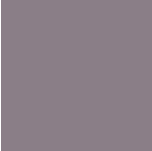
54, 4.029, 44.956

Protanopia

54, 2.582, 82.009

Deuteranopia

54, 7.340, 20.153



Tritanopia
54, 7.052, 332.850

Trichromacy



Original Color
54, 4.029, 44.956

Protanomaly
54, 2.959, 55.063

Deuteranomaly
54, 6.130, 25.350

Tritanomaly
54, 5.263, 346.785

Monochromacy



Original Color
54, 4.029, 44.956

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 1.320, 44.995

CSS Examples

Text

The CSS property to change the color of the text to CIElCh 54, 4.029, 44.956 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(136, 127, 124)` looks like.

```
.text, #text, p{  
    color:rgb(136, 127, 124)  
}
```

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(136, 127, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 127, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 4.029, 44.956 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(136, 127, 124) }
```

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

```
.border{ border-color:rgb(136, 127, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 127, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 127, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 127, 124);  
box-shadow:4px 4px 4px 4px rgb(136, 127,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 4.029, 44.956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 127, 124) }
```

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

```
.background{ background-color: rgb(136,  
127, 124) }
```

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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