

Converting Colors

CIELCh(54, 3.212, 65.712)

Have a look what the booklet for
CIELCh(54, 3.212, 65.712) contains.

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Color

CIELCh(54, 3.330, 63.066)

Conversions

Conversions Part 1

Format	Color
Hex	86807C
RGB	134, 128, 124
RGB Percent	53%, 50%, 49%
CMY	0.4744, 0.4979, 0.5136
CMYK	0.00, 0.04, 0.07, 0.47
HSL	24°, 4%, 51%
HSV	24°, 7%, 53%
XYZ	21.2010, 21.9746, 22.2040
YIQ	129.3380, 4.8600, 0.0280

Conversions

Conversions Part 2

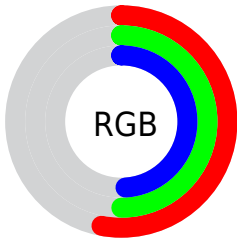
Format	Color
R_{YB}	134, 131, 124
Decimal	8814716
CIE _{Lab}	54.00, 1.51, 2.97
CIE _{LCh}	54, 3.330, 63.066
Yxy	21.9746, 0.3243, 0.3361
Android (android.graphics.Color)	4287004796 (0xFF86807C)
YUV	129.3380, -2.6316, 4.0886
Hunter-Lab	46.8770, -1.3050, 4.7304

Details

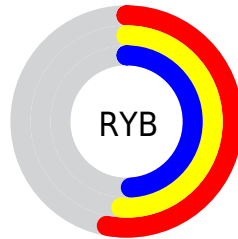
The CIELCh color $54, 3.330, 63.066$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $54, 3.242, 244.809$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 3.509, 69.565$, and $34, 3.335, 68.005$ is the 20% darker color. If you saturate the color by 10%, you get $51, 8.034, 62.179$, and if you desaturate by 10%, it is $57, 1.107, 244.476$.

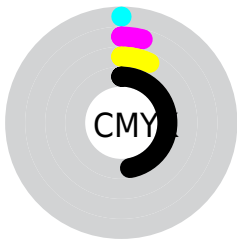
Distribution



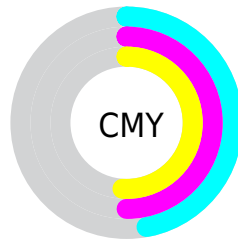
- Red (53%)
- Green (50%)
- Blue (49%)



- Red (53%)
- Yellow (51%)
- Blue (49%)



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (47%)



- Cyan (47%)
- Magenta (50%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 3.330, 63.066 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, 3.330, 63.066 by changing the saturation by 10% instead.

 54, 3.330, 63.066  54, 3.330, 63.066

 100, 3.330, 63.066  44, 3.330, 63.066

 74, 3.330, 63.066  34, 3.330, 63.066

 84, 3.330, 63.066  24, 3.330, 63.066


 94, 3.330, 63.066  14, 3.330, 63.066

 4, 3.330, 63.066

 0, 3.330, 63.066

 54, 3.330, 63.066  54, 3.330, 63.066

 51, 8.034, 62.179  57, 1.107, 244.476

 49, 13.033, 61.240  59, 5.304, 245.218

46, 18.346, 60.322

62, 9.288, 246.159

44, 23.982, 59.440

65, 13.084,
247.097

42, 29.924, 58.595

67, 16.714,
248.016

40, 36.101, 57.763

37, 42.337, 56.871

70, 20.199,
248.910

35, 48.254, 55.745

73, 23.556,
249.774

34, 53.535, 54.356

75, 26.800,
250.607

78, 29.944,
251.407

Harmonies

Complementary

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



54, 3.330, 63.066



54, 3.242, 244.809

Rectangle

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



54, 3.330, 63.066



54, 3.330, 113.066



54, 3.330, 243.066



54, 3.330, 293.066

Sweetspot

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



54, 3.330, 63.096



70, 1.081, 63.358



53, 5.303, 339.120



36, 0.611, 63.344



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



54, 3.330, 63.096



68, 4.983, 62.945



55, 5.153, 105.043



27, 2.507, 62.952



32, 53.736, 54.275



0, 0.587, 63.920

Inverse Universe

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



54, 3.242, 244.809



68, 4.814, 244.989



53, 5.228, 286.602



27, 2.423, 244.980



32, 34.951, 270.757



0, 0.587, 243.936

Previews

White Background



This preview shows how the CIELCh color 54, 3.330, 63.066 looks on a white background.

Color Contrast Check

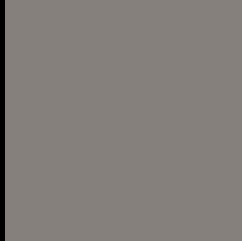
Large Text (above 18pt) WCAG AA ✓ Pass

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, 3.330, 63.066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

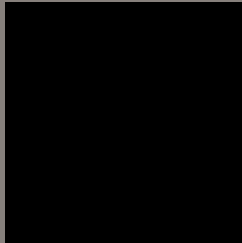
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

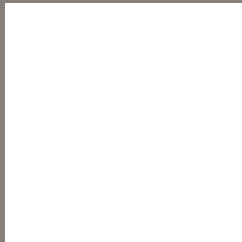
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 3.330, 63.066

Background



This preview shows how black text looks on a background with the CIELCh color 54, 3.330, 63.066.



This preview shows how white text looks on a background with the CIELCh color 54, 3.330, 63.066.

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

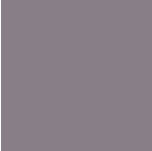
54, 3.330, 63.066

Protanopia

54, 3.104, 86.855

Deuteranopia

54, 7.340, 20.153



Tritanopia
54, 7.011, 324.803

Trichromacy



Original Color

54, 3.330, 63.066

Protanomaly

54, 3.281, 80.297

Deuteranomaly

54, 5.718, 25.691

Tritanomaly

54, 4.306, 337.839

Monochromacy



Original Color

54, 3.330, 63.066

Achromatopsia

54, 0.007, 296.813

Achromatomaly

54, 1.388, 74.872

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 3.330, 63.066 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(134, 128, 124)` looks like.

```
.text, #text, p{  
    color:rgb(134, 128, 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(134, 128, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 128, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 3.330, 63.066 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(134, 128, 124) }
```

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

```
.border{ border-color:rgb(134, 128, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 128, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 128, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 128, 124);  
box-shadow:4px 4px 4px 4px rgb(134, 128,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 3.330, 63.066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 128, 124) }
```

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

```
.background{ background-color: rgb(134,  
128, 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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