

Converting Colors

CIELCh(54, 3.617, 336.117)

Have a look what the booklet for
CIELCh(54, 3.617, 336.117) contains.

CIELCh(54, 4.021, 333.989)	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, 4.021, 333.989)

Conversions

Conversions Part 1

Format	Color
Hex	867F84
RGB	134, 127, 132
RGB Percent	53%, 50%, 52%
CMY	0.4738, 0.5013, 0.4817
CMYK	0.00, 0.05, 0.01, 0.47
HSL	317°, 3%, 51%
HSV	317°, 5%, 53%
XYZ	21.6456, 21.9746, 24.9907
YIQ	129.6630, 2.5670, 3.0390

Conversions

Conversions Part 2

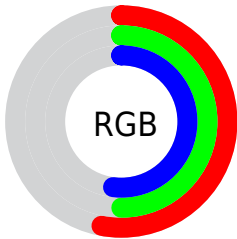
Format	Color
R_{YB}	134, 127, 132
Decimal	8814468
CIE Lab	54.00, 3.61, -1.76
CIE LCh	54, 4.021, 333.989
Yxy	21.9746, 0.3155, 0.3203
Android (android.graphics.Color)	4287004548 (0xFF867F84)
YUV	129.6630, 1.1521, 3.8035
Hunter-Lab	46.8770, 0.3882, 1.2057

Details

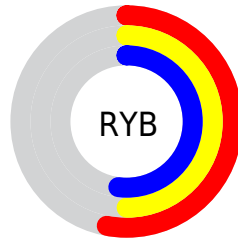
The CIELCh color **54, 4.021, 333.989** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **55, 4.001, 153.442**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **74, 3.779, 333.878**, and **34, 4.079, 329.745** is the 20% darker color. If you saturate the color by 10%, you get **50, 11.805, 334.700**, and if you desaturate by 10%, it is **58, 3.636, 153.493**.

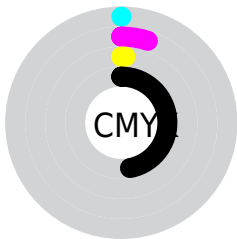
Distribution



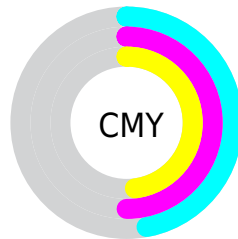
- Red (53%)
- Green (50%)
- Blue (52%)



- Red (53%)
- Yellow (50%)
- Blue (52%)



- Cyan (0%)
- Magenta (5%)
- Yellow (1%)
- Black (47%)



- Cyan (47%)
- Magenta (50%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 4.021, 333.989 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, 4.021, 333.989 by changing the saturation by 10% instead.

■ 54, 4.021, 333.989

■ 54, 4.021, 333.989

■ 100, 4.021,
333.989

■ 44, 4.021, 333.989

■ 74, 4.021, 333.989

■ 34, 4.021, 333.989

■ 84, 4.021, 333.989

■ 24, 4.021, 333.989

■ 94, 4.021, 333.989

■ 14, 4.021, 333.989

■ 4, 4.021, 333.989

■ 0, 4.021, 333.989

■ 54, 4.021, 333.989

■ 54, 4.021, 333.989

■ 50, 11.805,
334.700

■ 58, 3.636, 153.493

■ 62, 11.109,

47, 19.636,
335.414

152.851

43, 27.376,
336.167

66, 18.374,
152.278

40, 34.829,
336.970

70, 25.421,
151.743

37, 41.732,
337.838

74, 32.251,
151.239

34, 47.757,
338.794

78, 38.870,
150.764

32, 52.556,
339.872

81, 45.290,
150.317

31, 55.825,
341.122

85, 51.523,
149.896

30, 57.483,
342.594

89, 57.582,
149.499

Harmonies

Complementary

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



54, 4.021, 333.989



55, 4.001, 153.442

Rectangle

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



54, 4.021, 333.989



54, 4.021, 23.989



54, 4.021, 153.989



54, 4.021, 203.989

Sweetspot

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



54, 4.019, 333.993



70, 1.899, 333.692



54, 4.131, 301.465



36, 1.075, 333.672



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, 4.019, 333.993



68, 5.704, 334.061



54, 2.937, 2.321



27, 3.015, 334.080



28, 56.838, 343.263



0, 1.026, 333.716

Inverse Universe

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



54, 4.019, 333.993



68, 5.704, 334.061



55, 2.879, 181.669



27, 3.015, 334.080



28, 56.838, 343.263



0, 1.026, 333.716

Previews

White Background



This preview shows how the CIELCh color 54, 4.021, 333.989 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, 4.021, 333.989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

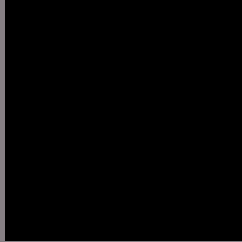
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 4.021, 333.989

Background



This preview shows how black text looks on a background with the CIELCh color 54, 4.021, 333.989.



This preview shows how white text looks on a background with the CIELCh color 54, 4.021, 333.989.

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

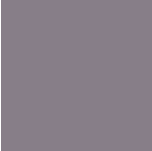
54, 4.021, 333.989

Protanopia

54, 3.004, 305.658

Deuteranopia

54, 7.558, 342.702



Tritanopia
54, 6.798, 322.032

Trichromacy



Original Color

54, 4.021, 333.989

Protanomaly

54, 3.305, 318.924

Deuteranomaly

54, 6.262, 340.018

Tritanomaly

54, 6.316, 324.763

Monochromacy



Original Color

54, 4.021, 333.989

Achromatopsia

54, 0.007, 296.813

Achromatomaly

54, 1.668, 335.664

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 4.021, 333.989 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, 127, 132)` looks like.

```
.text, #text, p{  
    color:rgb(134, 127, 132)  
}
```

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, 127, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 127, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 4.021, 333.989 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, 127, 132) }
```

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

```
.border{ border-color:rgb(134, 127, 132) }
```

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

Here you see how a box with a 4 pixel rgb(134, 127, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 127, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 127, 132);  
box-shadow:4px 4px 4px 4px rgb(134, 127,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 4.021, 333.989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 127, 132) }
```

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

```
.background{ background-color: rgb(134,  
127, 132) }
```

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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