

Converting Colors

CIELCh(54, 4.335, 61.048)

Have a look what the booklet for
CIELCh(54, 4.335, 61.048) contains.

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Color

CIELCh(54, 4.328, 61.053)

Conversions

Conversions Part 1	
Format	Color
Hex	88807B
RGB	136, 128, 123
RGB Percent	53%, 50%, 48%
CMY	0.4680, 0.4994, 0.5190
CMYK	0.00, 0.06, 0.10, 0.47
HSL	23°, 5%, 51%
HSV	23°, 10%, 53%
XYZ	21.3242, 21.9746, 21.7440
YIQ	129.8220, 6.3730, 0.1410

Conversions

Conversions Part 2

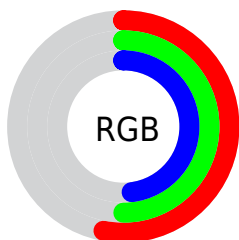
Format	Color
RYB	136, 131, 123
Decimal	8945787
CIELab	54.00, 2.09, 3.79
CIELCh	54, 4.328, 61.053
Yxy	21.9746, 0.3278, 0.3378
Android (android.graphics.Color)	4287135867 (0xFF88807B)
YUV	129.8220, -3.3632, 5.4181
Hunter-Lab	46.8770, -0.8358, 5.3121

Details

The CIELCh color $54, 4.328, 61.053$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $54, 4.164, 243.118$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 4.422, 66.421$, and $34, 4.420, 64.490$ is the 20% darker color. If you saturate the color by 10%, you get $51, 9.132, 60.196$, and if you desaturate by 10%, it is $57, 0.190, 243.893$.

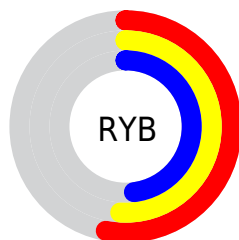
Distribution



Red (53%)

Green (50%)

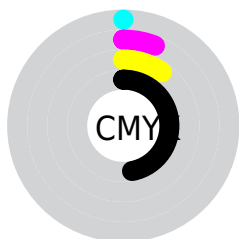
Blue (48%)



Red (53%)

Yellow (51%)

Blue (48%)

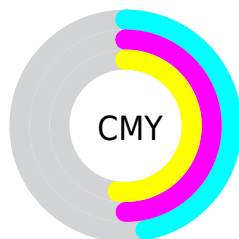


Cyan (0%)

Magenta (6%)

Yellow (10%)

Black (47%)



Cyan (47%)

Magenta (50%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 4.328, 61.053 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, 4.328, 61.053 by changing the saturation by 10% instead.

 54, 4.328, 61.053  54, 4.328, 61.053

 100, 4.328, 61.053  44, 4.328, 61.053

 74, 4.328, 61.053  34, 4.328, 61.053

 84, 4.328, 61.053  24, 4.328, 61.053

 94, 4.328, 61.053  14, 4.328, 61.053

 4, 4.328, 61.053

 0, 4.328, 61.053

 54, 4.328, 61.053  54, 4.328, 61.053

 51, 9.132, 60.196  57, 0.190, 243.893

 49, 14.248, 59.316  59, 4.451, 243.112


 46, 19.698, 58.470

 62, 8.484, 244.012

 44, 25.488, 57.670


 65, 12.316,
244.922

 41, 31.593, 56.915


 68, 15.970,
245.819

 39, 37.926, 56.176


 37, 44.280, 55.363


 70, 19.469,
246.694

 35, 50.210, 54.266

 73, 22.831,
247.543

 33, 55.708, 53.146

 76, 26.072,
248.364

 79, 29.207,
249.154

Harmonies

Complementary

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



54, 4.328, 61.053



54, 4.164, 243.118

Rectangle

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



54, 4.328, 61.053



54, 4.328, 111.053



54, 4.328, 241.053



54, 4.328, 291.053

Sweetspot

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



54, 4.328, 61.077



71, 1.640, 61.513



53, 6.968, 338.511



37, 1.257, 61.493



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, 4.328, 61.077



68, 6.180, 60.934



56, 6.568, 103.995



28, 2.578, 61.111



33, 54.973, 53.185



1, 1.168, 62.045

Inverse Universe

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



54, 4.164, 243.118



68, 5.900, 243.296



52, 6.676, 286.030



28, 2.485, 243.075



33, 34.456, 268.660



1, 1.168, 242.062

Previews

White Background



This preview shows how the CIELCh color 54, 4.328, 61.053 looks on a white background.

Color Contrast Check

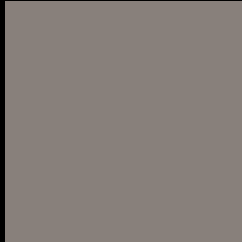
Large Text (above 18pt) WCAG AA ✓ Pass

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, 4.328, 61.053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

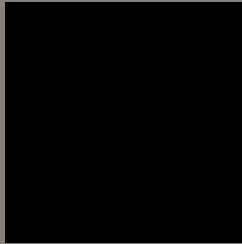
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 4.328, 61.053

Background



This preview shows how black text looks on a background with the CIELCh color 54, 4.328, 61.053.



This preview shows how white text looks on a background with the CIELCh color 54, 4.328, 61.053.

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, 4.328, 61.053

Protanopia

54, 3.794, 84.450

Deuteranopia

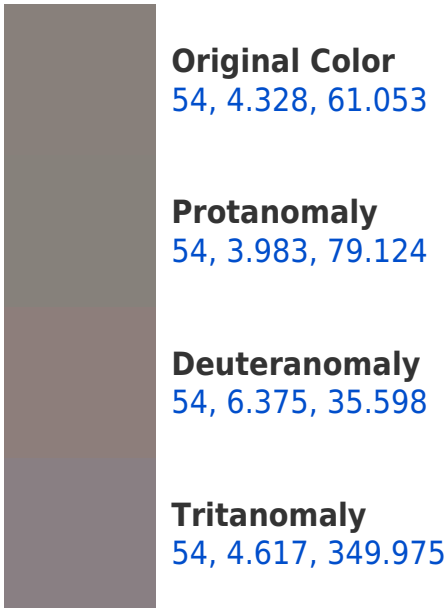
54, 7.887, 28.518



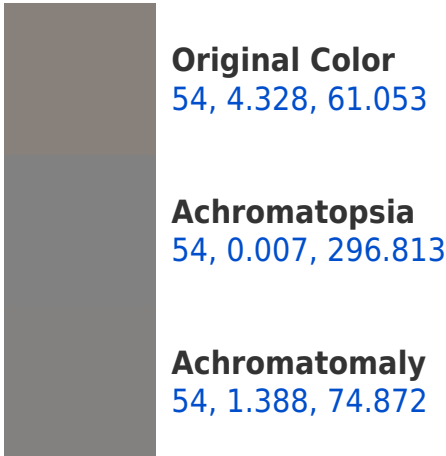
Tritanopia

54, 7.240, 327.414

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIElCh 54, 4.328, 61.053 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, 128, 123) looks like.

```
.text, #text, p{  
    color:rgb(136, 128, 123)  
}
```

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, 128, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 128, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 4.328, 61.053 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, 128, 123) }
```

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

```
.border{ border-color:rgb(136, 128, 123) }
```

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

Here you see how a box with a 4 pixel rgb(136, 128, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 128, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 128, 123);  
box-shadow:4px 4px 4px 4px rgb(136, 128,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 4.328, 61.053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 128, 123) }
```

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

```
.background{ background-color: rgb(136,  
128, 123) }
```

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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