

Converting Colors

CIELCh(54, 8.535, 89.237)

Have a look what the booklet for
CIELCh(54, 8.535, 89.237) contains.

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Color

CIELCh(54, 8.548, 89.224)

Conversions

Conversions Part 1

Format	Color
Hex	878072
RGB	135, 128, 114
RGB Percent	53%, 50%, 45%
CMY	0.4687, 0.4962, 0.5512
CMYK	0.00, 0.05, 0.16, 0.47
HSL	40°, 8%, 49%
HSV	40°, 16%, 53%
XYZ	20.9102, 21.9746, 19.1946
YIQ	128.4970, 8.6660, -2.8700

Conversions

Conversions Part 2

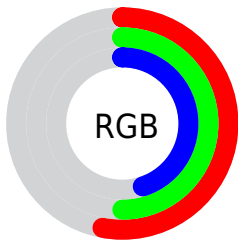
Format	Color
R_{YB}	125, 135, 114
Decimal	8880242
CIE Lab	54.00, 0.12, 8.55
CIE LCh	54, 8.548, 89.224
Yxy	21.9746, 0.3368, 0.3540
Android (android.graphics.Color)	4287070322 (0xFF878072)
YUV	128.4970, -7.1470, 5.7031
Hunter-Lab	46.8770, -2.4122, 8.5366

Details

The CIELCh color $54, 8.548, 89.224$ is a dark color, and the websafe version is hex `999999`. A complement of this color would be $51, 8.527, 273.195$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 8.519, 90.859$, and $34, 8.580, 89.926$ is the 20% darker color. If you saturate the color by 10%, you get $52, 14.205, 87.982$, and if you desaturate by 10%, it is $56, 3.003, 90.417$.

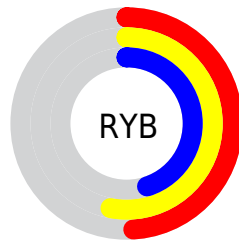
Distribution



Red (53%)

Green (50%)

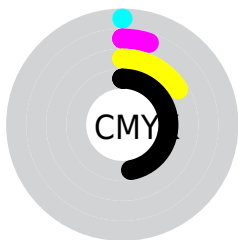
Blue (45%)



Red (49%)

Yellow (53%)

Blue (45%)

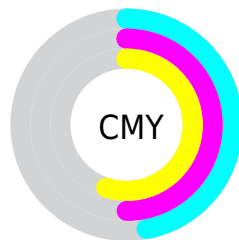


Cyan (0%)

Magenta (5%)

Yellow (16%)

Black (47%)



Cyan (47%)

Magenta (50%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 8.548, 89.224 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, 8.548, 89.224 by changing the saturation by 10% instead.

 54, 8.548, 89.224  54, 8.548, 89.224

 100, 8.548, 89.224  44, 8.548, 89.224

 74, 8.548, 89.224  34, 8.548, 89.224


 84, 8.548, 89.224  24, 8.548, 89.224

 94, 8.548, 89.224  14, 8.548, 89.224

 4, 8.548, 89.224

 0, 8.548, 89.224

 54, 8.548, 89.224  54, 8.548, 89.224

 52, 14.205, 87.982  56, 3.003, 90.417

 51, 19.958, 86.687  57, 2.430, 271.729

49, 25.772, 85.354

59, 7.754, 272.808

48, 31.574, 83.978

61, 12.973,
273.881

47, 37.227, 82.544

62, 18.096,
274.910

45, 42.482, 81.010

44, 46.937, 79.294

64, 23.130,
275.890

43, 50.164, 77.289

66, 28.082,
276.822

42, 51.614, 76.437

67, 32.959,
277.705

69, 37.767,
278.541

Harmonies

Complementary

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



54, 8.548, 89.224



51, 8.527, 273.195

Rectangle

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



54, 8.548, 89.224



54, 8.548, 139.224



54, 8.548, 269.224



54, 8.548, 319.224

Sweetspot

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



54, 8.549, 89.235



71, 3.369, 90.460



50, 9.490, 355.119



37, 2.319, 90.394



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, 8.549, 89.235



68, 13.016, 88.751



56, 12.052, 115.625



28, 3.129, 89.999



41, 50.822, 76.499



1, 1.444, 91.127

Inverse Universe

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



51, 8.527, 273.195



63, 12.966, 273.784



49, 12.452, 297.892



27, 3.130, 272.317



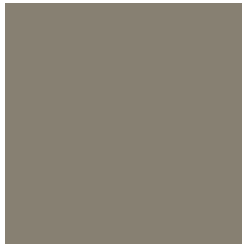
22, 58.474, 295.568



0, 1.444, 271.134

Previews

White Background



This preview shows how the CIELCh color 54, 8.548, 89.224 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, 8.548, 89.224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

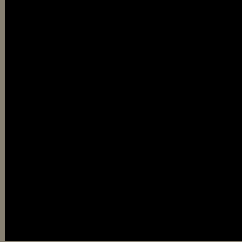
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 8.548, 89.224

Background



This preview shows how black text looks on a background with the CIELCh color 54, 8.548, 89.224.



This preview shows how white text looks on a background with the CIELCh color 54, 8.548, 89.224.

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, 8.548, 89.224

Protanopia

54, 8.402, 91.923

Deuteranopia

54, 11.021, 48.080



Tritanopia
54, 7.749, 332.178

Trichromacy



Original Color
54, 8.548, 89.224

Protanomaly
54, 8.402, 91.923

Deuteranomaly
54, 9.551, 61.117

Tritanomaly
54, 4.572, 5.272

Monochromacy



Original Color
54, 8.548, 89.224

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 2.973, 94.080

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 8.548, 89.224 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, 114)` looks like.

```
.text, #text, p{  
    color:rgb(135, 128, 114)  
}
```

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, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 128, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 8.548, 89.224 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, 114) }
```

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

```
.border{ border-color:rgb(135, 128, 114) }
```

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, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 128, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 128, 114);  
box-shadow:4px 4px 4px 4px rgb(135, 128,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 8.548, 89.224 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, 114) }
```

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

```
.background{ background-color: rgb(135,  
128, 114) }
```

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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