

Converting Colors

CIELCh(54, 5.638, 71.805)

Have a look what the booklet for
CIELCh(54, 5.638, 71.805) contains.

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Color

CIELCh(54, 5.636, 73.986)

Conversions

Conversions Part 1

Format	Color
Hex	888078
RGB	136, 128, 120
RGB Percent	53%, 50%, 47%
CMY	0.4672, 0.4986, 0.5300
CMYK	0.00, 0.06, 0.12, 0.47
HSL	30°, 6%, 50%
HSV	30°, 12%, 53%
XYZ	21.2107, 21.9746, 20.8471
YIQ	129.4800, 7.3360, -0.7920

Conversions

Conversions Part 2

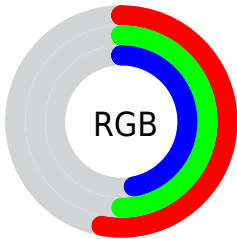
Format	Color
RYB	136, 136, 120
Decimal	8945784
CIELab	54.00, 1.55, 5.42
CIELCh	54, 5.636, 73.986
Yxy	21.9746, 0.3312, 0.3432
Android (android.graphics.Color)	4287135864 (0xFF888078)
YUV	129.4800, -4.6736, 5.7180
Hunter-Lab	46.8770, -1.2679, 6.4465

Details

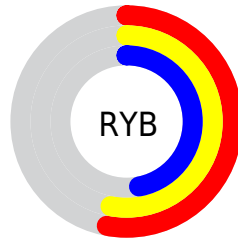
The CIELCh color $54, 5.636, 73.986$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $53, 5.483, 256.991$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 5.721, 77.370$, and $34, 5.393, 73.559$ is the 20% darker color. If you saturate the color by 10%, you get $52, 10.664, 72.826$, and if you desaturate by 10%, it is $56, 0.826, 74.898$.

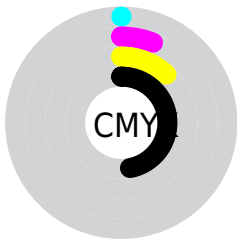
Distribution



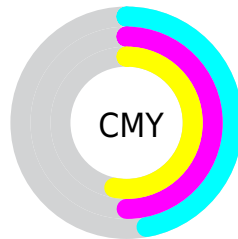
- Red (53%)
- Green (50%)
- Blue (47%)



- Red (53%)
- Yellow (53%)
- Blue (47%)



- Cyan (0%)
- Magenta (6%)
- Yellow (12%)
- Black (47%)




- Cyan (47%)
- Magenta (50%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 5.636, 73.986 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, 5.636, 73.986 by changing the saturation by 10% instead.

 54, 5.636, 73.986  54, 5.636, 73.986

 100, 5.636, 73.986  44, 5.636, 73.986


 74, 5.636, 73.986  34, 5.636, 73.986

 84, 5.636, 73.986  24, 5.636, 73.986

 94, 5.636, 73.986  14, 5.636, 73.986

 4, 5.636, 73.986

 0, 5.636, 73.986

 54, 5.636, 73.986  54, 5.636, 73.986

 52, 10.664, 72.826  56, 0.826, 74.898

 50, 15.924, 71.620  59, 3.785, 256.459

■ 48, 21.418, 70.400

■ 61, 8.216, 257.540

■ 45, 27.131, 69.167

■ 63, 12.488,
258.611

■ 43, 33.004, 67.906

■ 65, 16.617,
259.649

■ 42, 38.897, 66.573

■ 40, 44.526, 65.063

■ 68, 20.620,
260.646

■ 38, 49.380, 63.166

■ 70, 24.512,
261.601

■ 37, 53.118, 61.636

■ 72, 28.303,
262.514

■ 75, 32.007,
263.383

Harmonies

Complementary

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



54, 5.636, 73.986



53, 5.483, 256.991

Rectangle

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



54, 5.636, 73.986



54, 5.636, 123.986



54, 5.636, 253.986



54, 5.636, 303.986

Sweetspot

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



54, 5.636, 74.004



71, 2.322, 74.818



52, 7.932, 344.572



37, 1.666, 74.759



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, 5.636, 74.004



68, 8.326, 73.710



56, 9.097, 109.080



28, 2.715, 74.299



36, 52.172, 61.730



1, 1.240, 75.433

Inverse Universe

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



53, 5.483, 256.991



67, 8.043, 257.345



51, 9.338, 291.373



28, 2.661, 256.647



28, 43.266, 282.728



1, 1.240, 255.446

Previews

White Background



This preview shows how the CIELCh color 54, 5.636, 73.986 looks on a white background.

Color Contrast Check

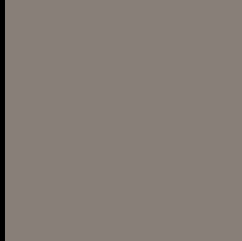
Large Text (above 18pt) WCAG AA ✓ Pass

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, 5.636, 73.986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

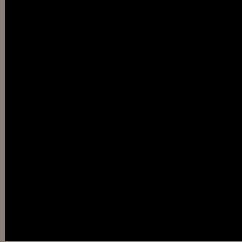
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 54, 5.636, 73.986

Background



This preview shows how black text looks on a background with the CIELCh color 54, 5.636, 73.986.



This preview shows how white text looks on a background with the CIELCh color 54, 5.636, 73.986.

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

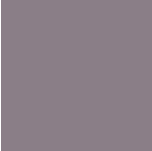
54, 5.636, 73.986

Protanopia

54, 5.408, 91.938

Deuteranopia

54, 8.786, 39.172



Tritanopia
54, 7.052, 332.850

Trichromacy



Original Color
54, 5.636, 73.986

Protanomaly
54, 5.545, 87.877

Deuteranomaly
54, 7.462, 47.369

Tritanomaly
54, 4.175, 3.808

Monochromacy



Original Color
54, 5.636, 73.986

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 1.889, 84.848

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 5.636, 73.986 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, 120)` looks like.

```
.text, #text, p{  
    color:rgb(136, 128, 120)  
}
```

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, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 128, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 5.636, 73.986 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, 120) }
```

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

```
.border{ border-color:rgb(136, 128, 120) }
```

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, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 128, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 128, 120);  
box-shadow:4px 4px 4px 4px rgb(136, 128,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 5.636, 73.986 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, 120) }
```

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

```
.background{ background-color: rgb(136,  
128, 120) }
```

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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