

Converting Colors

CIELCh(54, 4.774, 204.489)

Have a look what the booklet for
CIELCh(54, 4.774, 204.489) contains.

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Color

CIELCh(54, 5.012, 198.970)

Conversions

Conversions Part 1

Format	Color
Hex	778484
RGB	119, 132, 132
RGB Percent	47%, 52%, 52%
CMY	0.5345, 0.4836, 0.4836
CMYK	0.10, 0.00, 0.00, 0.48
HSL	180°, 5%, 49%
HSV	180°, 10%, 52%
XYZ	19.9172, 21.9746, 24.9087
YIQ	128.1130, -7.7480, -2.7560

Conversions

Conversions Part 2

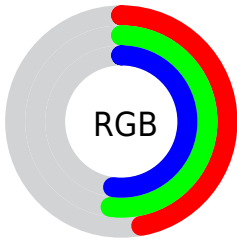
Format	Color
R_{YB}	119, 126, 132
Decimal	7832708
CIE _{Lab}	54.00, -4.74, -1.63
CIE _{LCh}	54, 5.012, 198.970
Yxy	21.9746, 0.2982, 0.3290
Android (android.graphics.Color)	4286022788 (0xFF778484)
YUV	128.1130, 1.9163, -7.9921
Hunter-Lab	46.8770, -6.1932, 1.3094

Details

The CIELCh color `54, 5.012, 198.970` is a dark color, and the websafe version is hex `999999`. A complement of this color would be `51, 5.322, 19.924`, and the grayscale version is `54, 0.007, 296.813`.

A 20% lighter version of the original color is `74, 5.099, 199.097`, and `34, 4.972, 198.755` is the 20% darker color. If you saturate the color by 10%, you get `53, 9.819, 198.427`, and if you desaturate by 10%, it is `55, 0.069, 13.542`.

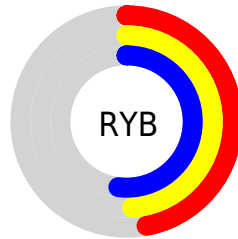
Distribution



Red (47%)

Green (52%)

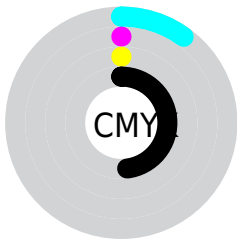
Blue (52%)



Red (47%)

Yellow (49%)

Blue (52%)

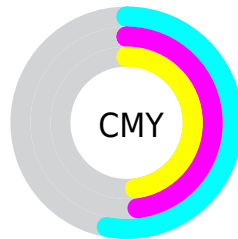


Cyan (10%)

Magenta (0%)

Yellow (0%)

Black (48%)



Cyan (53%)

Magenta (48%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 5.012, 198.970 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, 5.012, 198.970 by changing the saturation by 10% instead.

■ 54, 5.012, 198.970

■ 54, 5.012, 198.970

■ 100, 5.012,
198.970

■ 44, 5.012, 198.970

■ 74, 5.012, 198.970

■ 34, 5.012, 198.970

■ 84, 5.012, 198.970

■ 24, 5.012, 198.970

■ 94, 5.012, 198.970

■ 14, 5.012, 198.970

■ 4, 5.012, 198.970

■ 0, 5.012, 198.970

■ 54, 5.012, 198.970

■ 54, 5.012, 198.970

■ 53, 9.819, 198.427

■ 55, 0.069, 13.542

■ 52, 14.274,

■ 56, 5.357, 19.879

197.967

57, 10.789, 20.493

52, 18.299,
197.563

59, 16.315, 21.097

51, 21.821,
197.216

60, 21.891, 21.704

50, 24.777,
196.930

62, 27.485, 22.312

50, 27.124,
196.705

65, 38.628, 23.520

50, 28.847,
196.541

67, 44.143, 24.113

50, 29.964,
196.434

50, 30.679,
196.366

Harmonies

Complementary

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



54, 5.012, 198.970



51, 5.322, 19.924

Rectangle

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



54, 5.012, 198.970



54, 5.012, 248.970



54, 5.012, 18.970



54, 5.012, 68.970

Sweetspot

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



54, 5.013, 198.956



70, 1.914, 199.486



54, 9.114, 143.472



37, 1.460, 199.397



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, 5.013, 198.956



68, 7.495, 198.820



52, 4.427, 254.872



28, 2.886, 199.000



49, 30.412, 196.365



1, 0.707, 199.410

Inverse Universe

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



51, 5.322, 19.924



64, 8.079, 20.109



53, 4.537, 72.396



26, 3.050, 19.868



26, 62.115, 38.502



0, 0.707, 19.393

Previews

White Background



This preview shows how the CIELCh color 54, 5.012, 198.970 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, 5.012, 198.970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

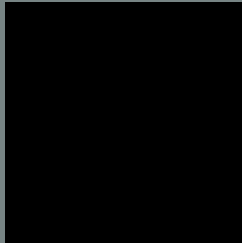
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

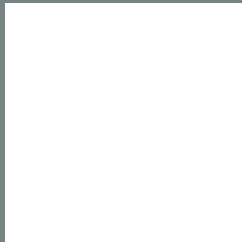
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 5.012, 198.970

Background



This preview shows how black text looks on a background with the CIELCh color 54, 5.012, 198.970.



This preview shows how white text looks on a background with the CIELCh color 54, 5.012, 198.970.

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

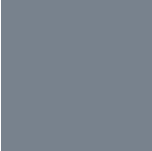
54, 5.012, 198.970

Protanopia

54, 1.670, 335.666

Deuteranopia

54, 7.246, 340.714



Tritanopia
54, 7.289, 259.978

Trichromacy



Original Color
54, 5.012, 198.970

Protanomaly
54, 1.389, 255.973

Deuteranomaly
54, 4.007, 319.955

Tritanomaly
54, 5.731, 244.014

Monochromacy



Original Color
54, 5.012, 198.970

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 1.572, 199.494

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 5.012, 198.970 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(119, 132, 132)` looks like.

```
.text, #text, p{  
    color:rgb(119, 132, 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(119, 132, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 132, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 5.012, 198.970 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(119, 132, 132) }
```

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

```
.border{ border-color:rgb(119, 132, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 132, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 132, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 132, 132);  
box-shadow:4px 4px 4px 4px rgb(119, 132,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 5.012, 198.970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 132, 132) }
```

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

```
.background{ background-color: rgb(119,  
132, 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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