

Converting Colors

CIELCh(54, 0.447, 242.292)

Have a look what the booklet for
CIELCh(54, 0.447, 242.292) contains.

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Color

CIELCh(54, 0.698, 255.981)

Conversions

Conversions Part 1

Format	Color
Hex	808182
RGB	128, 129, 130
RGB Percent	50%, 51%, 51%
CMY	0.4973, 0.4933, 0.4894
CMYK	0.02, 0.01, 0.00, 0.49
HSL	210°, 1%, 51%
HSV	210°, 2%, 51%
XYZ	20.8511, 21.9746, 24.3316
YIQ	128.8150, -0.9170, 0.0990

Conversions

Conversions Part 2

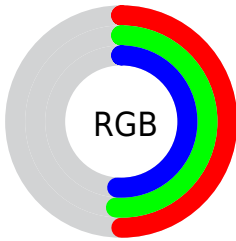
Format	Color
R_{YB}	128, 129, 130
Decimal	8421762
CIE Lab	54.00, -0.17, -0.68
CIE LCh	54, 0.698, 255.981
Yxy	21.9746, 0.3105, 0.3272
Android (android.graphics.Color)	4286611842 (0xFF808182)
YUV	128.8150, 0.5842, -0.7148
Hunter-Lab	46.8770, -2.6374, 2.0394

Details

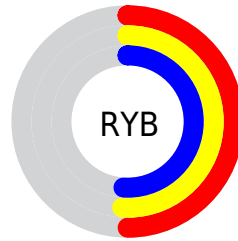
The CIELCh color $54, 0.698, 255.981$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $54, 0.689, 74.730$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 0.658, 256.071$, and $34, 0.757, 255.945$ is the 20% darker color. If you saturate the color by 10%, you get $51, 5.184, 256.810$, and if you desaturate by 10%, it is $57, 3.818, 74.306$.

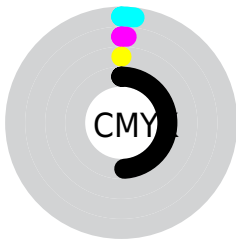
Distribution



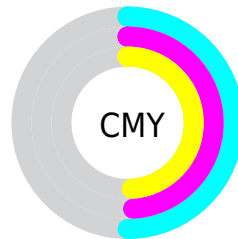
- Red (50%)
- Green (51%)
- Blue (51%)



- Red (50%)
- Yellow (51%)
- Blue (51%)



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (49%)



- Cyan (50%)
- Magenta (49%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 0.698, 255.981 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, 0.698, 255.981 by changing the saturation by 10% instead.

■ 54, 0.698, 255.981

■ 54, 0.698, 255.981

■ 100, 0.698,
255.981

■ 44, 0.698, 255.981

■ 74, 0.698, 255.981

■ 34, 0.698, 255.981

■ 84, 0.698, 255.981

■ 24, 0.698, 255.981

■ 94, 0.698, 255.981

■ 14, 0.698, 255.981

■ 4, 0.698, 255.981

■ 0, 0.698, 255.981

■ 54, 0.698, 255.981

■ 54, 0.698, 255.981

■ 51, 5.184, 256.810

■ 57, 3.818, 74.306

■ 48, 9.626, 258.298

■ 60, 8.347, 73.401

45, 14.005,
260.076

63, 12.876, 72.595

43, 18.308,
262.185

66, 17.394, 71.888

69, 21.893, 71.266

40, 22.528,
264.680

71, 26.364, 70.714

37, 26.666,
267.607

74, 30.802, 70.222

77, 35.203, 69.781

35, 30.745,
270.995

80, 39.563, 69.382

32, 34.809,
274.831

30, 38.917,
279.036

Harmonies

Complementary

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



54, 0.698, 255.981



54, 0.689, 74.730

Rectangle

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



54, 0.698, 255.981



54, 0.698, 305.981



54, 0.698, 75.981



54, 0.698, 125.981

Sweetspot

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



54, 0.697, 255.859



69, 0.009, 296.813



54, 0.991, 162.940



36, 0.005, 296.813



85, 0.010, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54, 0.697, 255.859



68, 1.118, 255.825



54, 1.140, 289.699



28, 0.519, 255.833



28, 42.475, 282.503



0, 0.620, 255.305

Inverse Universe

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



54, 0.991, 343.412



68, 1.591, 343.526



54, 1.123, 109.322



28, 0.738, 343.482



27, 51.570, 0.533



0, 0.881, 343.586

Previews

White Background



This preview shows how the CIELCh color 54, 0.698, 255.981 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 CIELCh color 54, 0.698, 255.981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

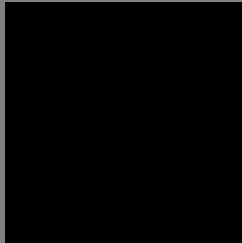
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

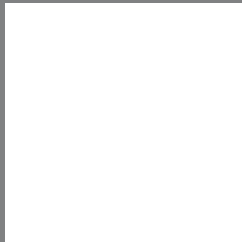
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 0.698, 255.981

Background



This preview shows how black text looks on a background with the CIELCh color 54, 0.698, 255.981.



This preview shows how white text looks on a background with the CIELCh color 54, 0.698, 255.981.

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, 0.698, 255.981

Protanopia

54, 1.670, 335.666

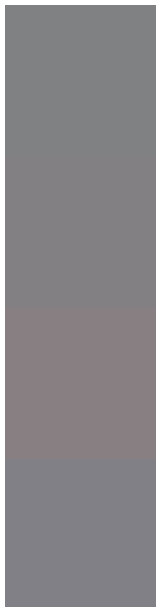
Deuteranopia

54, 6.935, 350.314



Tritanopia
54, 5.792, 294.702

Trichromacy



Original Color

54, 0.698, 255.981

Protanomaly

54, 1.412, 324.390

Deuteranomaly

54, 4.275, 347.236

Tritanomaly

54, 4.067, 296.166

Monochromacy



Original Color

54, 0.698, 255.981

Achromatopsia

54, 0.007, 296.813

Achromatomaly

54, 0.007, 296.813

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 0.698, 255.981 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(128, 129, 130)` looks like.

```
.text, #text, p{  
    color:rgb(128, 129, 130)  
}
```

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(128, 129, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 129, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 0.698, 255.981 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(128, 129, 130) }
```

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

```
.border{ border-color:rgb(128, 129, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 129, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 129, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 129, 130);  
box-shadow:4px 4px 4px 4px rgb(128, 129,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 0.698, 255.981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 129, 130) }
```

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

```
.background{ background-color: rgb(128,  
129, 130) }
```

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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