

Converting Colors

CIELCh(54, 4.648, 295.543)

Have a look what the booklet for
CIELCh(54, 4.648, 295.543) contains.

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Color

CIELCh(54, 4.642, 295.540)

Conversions

Conversions Part 1

Format	Color
Hex	818088
RGB	129, 128, 136
RGB Percent	51%, 50%, 53%
CMY	0.4931, 0.4971, 0.4657
CMYK	0.05, 0.06, 0.00, 0.47
HSL	247°, 3%, 52%
HSV	247°, 6%, 53%
XYZ	21.3045, 21.9746, 26.5050
YIQ	129.2110, -1.9720, 2.7000

Conversions

Conversions Part 2

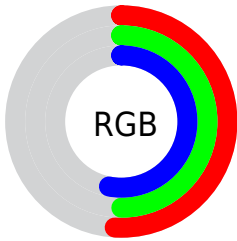
Format	Color
R_{YB}	129, 128, 136
Decimal	8487048
CIE _{Lab}	54.00, 2.00, -4.19
CIE _{LCh}	54, 4.642, 295.540
Y _{xy}	21.9746, 0.3053, 0.3149
Android (android.graphics.Color)	4286677128 (0xFF818088)
YUV	129.2110, 3.3470, -0.1850
Hunter-Lab	46.8770, -0.9106, -0.7096

Details

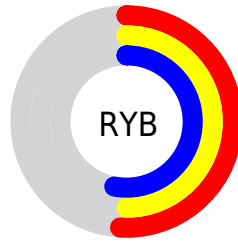
The CIELCh color $54, 4.642, 295.540$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $57, 4.573, 114.638$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 4.359, 295.419$, and $34, 4.424, 296.364$ is the 20% darker color. If you saturate the color by 10%, you get $49, 12.774, 296.396$, and if you desaturate by 10%, it is $59, 3.189, 114.778$.

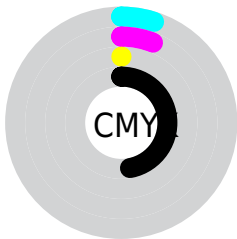
Distribution



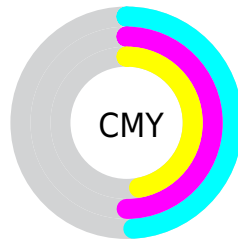
- Red (51%)
- Green (50%)
- Blue (53%)



- Red (51%)
- Yellow (50%)
- Blue (53%)



- Cyan (5%)
- Magenta (6%)
- Yellow (0%)
- Black (47%)



- Cyan (49%)
- Magenta (50%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 4.642, 295.540 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, 4.642, 295.540 by changing the saturation by 10% instead.

■ 54, 4.642, 295.540

■ 54, 4.642, 295.540

■ 100, 4.642,
295.540

■ 44, 4.642, 295.540

■ 74, 4.642, 295.540

■ 34, 4.642, 295.540

■ 84, 4.642, 295.540

■ 24, 4.642, 295.540

■ 94, 4.642, 295.540

■ 14, 4.642, 295.540

■ 4, 4.642, 295.540

■ 0, 4.642, 295.540

■ 54, 4.642, 295.540

■ 54, 4.642, 295.540

■ 49, 12.774,
296.396

■ 59, 3.189, 114.778

■ 63, 10.734,

44, 21.228,
297.399

114.138

40, 30.013,
298.552

68, 18.015,
113.586

35, 39.115,
299.858

73, 25.047,
113.109

30, 48.470,
301.302

77, 31.848,
112.698

26, 57.891,
302.830

82, 38.433,
112.342

22, 66.965,
304.325

87, 44.815,
112.033

18, 74.922,
305.593

91, 51.008,
111.766

16, 80.872,
306.453

95, 57.023,
111.533

Harmonies

Complementary

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



54, 4.642, 295.540



57, 4.573, 114.638

Rectangle

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



54, 4.642, 295.540



54, 4.642, 345.540



54, 4.642, 115.540



54, 4.642, 165.540

Sweetspot

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



54, 4.641, 295.531



71, 1.939, 295.237



56, 2.777, 210.390



37, 1.111, 295.227



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, 4.641, 295.531



68, 6.831, 295.634



54, 5.023, 313.247



27, 3.607, 295.649



14, 81.573, 306.878



0, 2.067, 295.076

Inverse Universe

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



55, 5.141, 328.326



69, 7.557, 328.406



56, 4.983, 132.826



27, 3.990, 328.417



30, 64.661, 333.742



0, 2.304, 328.034

Previews

White Background



This preview shows how the CIELCh color 54, 4.642, 295.540 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, 4.642, 295.540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

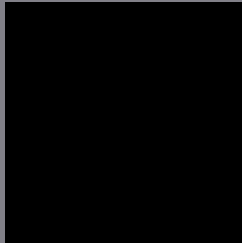
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

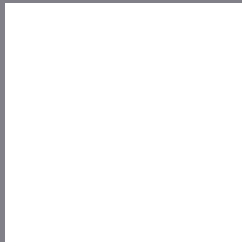
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 4.642, 295.540

Background



This preview shows how black text looks on a background with the CIELCh color 54, 4.642, 295.540.



This preview shows how white text looks on a background with the CIELCh color 54, 4.642, 295.540.

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, 4.642, 295.540

Protanopia

54, 4.642, 295.540

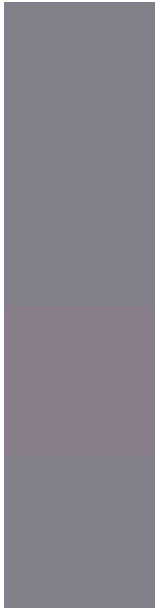
Deuteranopia

54, 8.635, 327.077



Tritanopia
54, 5.835, 298.483

Trichromacy



Original Color

54, 4.642, 295.540

Protanomaly

54, 4.642, 295.540

Deuteranomaly

54, 7.294, 319.677

Tritanomaly

54, 5.264, 299.269

Monochromacy



Original Color

54, 4.642, 295.540

Achromatopsia

54, 0.007, 296.813

Achromatomaly

54, 1.734, 290.417

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 4.642, 295.540 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(129, 128, 136)` looks like.

```
.text, #text, p{  
    color:rgb(129, 128, 136)  
}
```

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(129, 128, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 128, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 4.642, 295.540 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(129, 128, 136) }
```

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

```
.border{ border-color:rgb(129, 128, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 128, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 128, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 128, 136);  
box-shadow:4px 4px 4px 4px rgb(129, 128,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 4.642, 295.540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 128, 136) }
```

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

```
.background{ background-color: rgb(129,  
128, 136) }
```

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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