

Converting Colors

CIELCh(54, 4.448, 171.402)

Have a look what the booklet for
CIELCh(54, 4.448, 171.402) contains.

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Color

CIELCh(54, 4.307, 175.368)

Conversions

Conversions Part 1

Format	Color
Hex	798380
RGB	121, 131, 128
RGB Percent	47%, 51%, 50%
CMY	0.5242, 0.4850, 0.4968
CMYK	0.08, 0.00, 0.02, 0.48
HSL	162°, 4%, 50%
HSV	162°, 8%, 52%
XYZ	20.0073, 21.9746, 23.7203
YIQ	127.6680, -4.9970, -3.0530

Conversions

Conversions Part 2

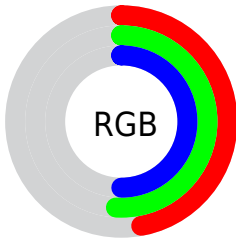
Format	Color
R_{YB}	121, 127, 131
Decimal	7963520
CIE Lab	54.00, -4.29, 0.35
CIE LCh	54, 4.307, 175.368
Yxy	21.9746, 0.3045, 0.3345
Android (android.graphics.Color)	4286153600 (0xFF798380)
YUV	127.6680, 0.1637, -5.8478
Hunter-Lab	46.8770, -5.8504, 2.8125

Details

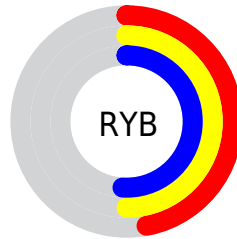
The CIELCh color $54, 4.307, 175.368$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $52, 4.403, 356.557$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 4.388, 177.443$, and $34, 4.666, 174.986$ is the 20% darker color. If you saturate the color by 10%, you get $53, 9.884, 174.380$, and if you desaturate by 10%, it is $55, 1.358, 355.891$.

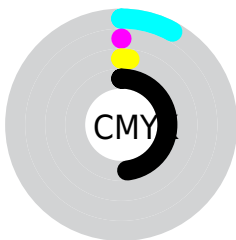
Distribution



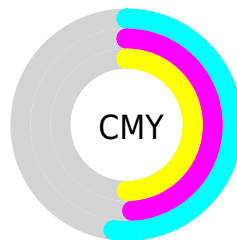
- Red (47%)
- Green (51%)
- Blue (50%)



- Red (47%)
- Yellow (50%)
- Blue (51%)



- Cyan (8%)
- Magenta (0%)
- Yellow (2%)
- Black (48%)



- Cyan (52%)
- Magenta (49%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 4.307, 175.368 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, 4.307, 175.368 by changing the saturation by 10% instead.

■ 54, 4.307, 175.368

■ 54, 4.307, 175.368

■ 100, 4.307,
175.368

■ 44, 4.307, 175.368

■ 74, 4.307, 175.368

■ 34, 4.307, 175.368

■ 84, 4.307, 175.368

■ 24, 4.307, 175.368

■ 94, 4.307, 175.368

■ 14, 4.307, 175.368

■ 4, 4.307, 175.368

■ 0, 4.307, 175.368

■ 54, 4.307, 175.368

■ 54, 4.307, 175.368

■ 53, 9.884, 174.380

■ 55, 1.358, 355.891

■ 52, 15.298,

■ 56, 7.053, 356.923

173.366

58, 12.730,
357.727

51, 20.468,
172.274

59, 18.351,
358.480

50, 25.304,
171.083

61, 23.890,
359.197

50, 29.722,
169.770

62, 29.328,
359.882

49, 33.644,
168.314

64, 34.654, 0.540

49, 37.018,
166.692

66, 39.859, 1.172

49, 39.825,
164.889

68, 44.943, 1.781

48, 42.170,
162.954

Harmonies

Complementary

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



54, 4.307, 175.368



52, 4.403, 356.557

Rectangle

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



54, 4.307, 175.368



54, 4.307, 225.368



54, 4.307, 355.368



54, 4.307, 45.368

Sweetspot

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



54, 4.308, 175.358



70, 1.403, 176.072



54, 6.393, 134.915



37, 0.804, 176.107



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, 4.308, 175.358



69, 6.304, 175.200



54, 3.323, 217.822



27, 3.212, 175.207



48, 42.406, 162.537



1, 0.775, 175.958

Inverse Universe

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



52, 4.403, 356.557



66, 6.468, 356.723



52, 3.478, 37.361



26, 3.295, 356.716



26, 52.720, 19.252



0, 0.775, 355.944

Previews

White Background



This preview shows how the CIELCh color 54, 4.307, 175.368 looks on a white background.

Color Contrast Check

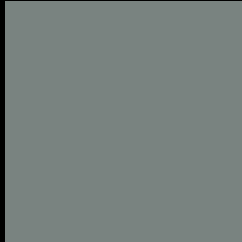
Large Text (above 18pt) WCAG AA ✓ Pass

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, 4.307, 175.368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

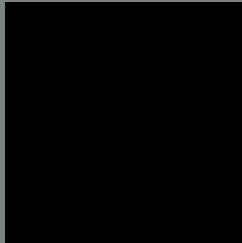
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

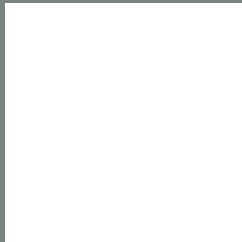
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 4.307, 175.368

Background



This preview shows how black text looks on a background with the CIELCh color 54, 4.307, 175.368.



This preview shows how white text looks on a background with the CIELCh color 54, 4.307, 175.368.

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, 4.307, 175.368

Protanopia

54, 1.693, 39.166

Deuteranopia

54, 7.045, 356.102



Tritanopia
54, 6.290, 265.970

Trichromacy



Original Color

54, 4.307, 175.368

Protanomaly

54, 1.216, 129.075

Deuteranomaly

54, 3.032, 357.307

Tritanomaly

54, 4.572, 248.564

Monochromacy



Original Color

54, 4.307, 175.368

Achromatopsia

54, 0.007, 296.813

Achromatomaly

54, 1.322, 173.746

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 4.307, 175.368 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(121, 131, 128)` looks like.

```
.text, #text, p{  
    color:rgb(121, 131, 128)  
}
```

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(121, 131, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 131, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 4.307, 175.368 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(121, 131, 128) }
```

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

```
.border{ border-color:rgb(121, 131, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 131, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 131, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 131, 128);  
box-shadow:4px 4px 4px 4px rgb(121, 131,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 4.307, 175.368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 131, 128) }
```

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

```
.background{ background-color: rgb(121,  
131, 128) }
```

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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