

Converting Colors

CIELCh(54, 6.192, 141.950)

Have a look what the booklet for
CIELCh(54, 6.192, 141.950) contains.

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Color

CIELCh(54, 6.115, 141.098)

Conversions

Conversions Part 1

Format	Color
Hex	7B837A
RGB	123, 131, 122
RGB Percent	48%, 51%, 48%
CMY	0.5163, 0.4849, 0.5202
CMYK	0.06, 0.00, 0.07, 0.48
HSL	113°, 4%, 50%
HSV	113°, 7%, 52%
XYZ	19.9134, 21.9746, 21.7145
YIQ	127.5820, -1.8790, -4.4950

Conversions

Conversions Part 2

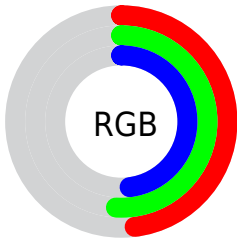
Format	Color
RYB	122, 131, 130
Decimal	8094586
CIELab	54.00, -4.76, 3.84
CIElCh	54, 6.115, 141.098
Yxy	21.9746, 0.3131, 0.3455
Android (android.graphics.Color)	4286284666 (0xFF7B837A)
YUV	127.5820, -2.7519, -4.0184
Hunter-Lab	46.8770, -6.2078, 5.3494

Details

The CIELCh color $54, 6.115, 141.098$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $52, 6.138, 321.689$, and the grayscale version is $54, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 6.400, 141.479$, and $34, 6.656, 140.908$ is the 20% darker color. If you saturate the color by 10%, you get $53, 15.119, 140.540$, and if you desaturate by 10%, it is $55, 2.792, 321.479$.

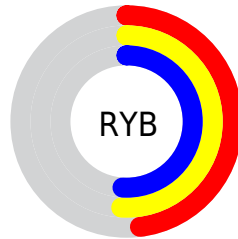
Distribution



Red (48%)

Green (51%)

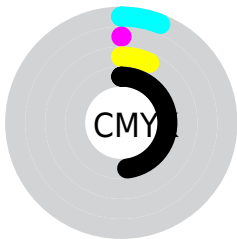
Blue (48%)



Red (48%)

Yellow (51%)

Blue (51%)

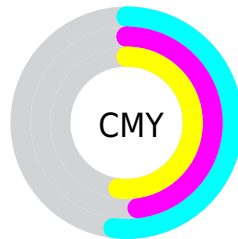


Cyan (6%)

Magenta (0%)

Yellow (7%)

Black (48%)



Cyan (52%)

Magenta (48%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 6.115, 141.098 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, 6.115, 141.098 by changing the saturation by 10% instead.

■ 54, 6.115, 141.098

■ 54, 6.115, 141.098

■ 100, 6.115,
141.098

■ 44, 6.115, 141.098

■ 74, 6.115, 141.098

■ 34, 6.115, 141.098

■ 84, 6.115, 141.098

■ 24, 6.115, 141.098

■ 94, 6.115, 141.098

■ 14, 6.115, 141.098

■ 4, 6.115, 141.098

■ 0, 6.115, 141.098

■ 54, 6.115, 141.098

■ 54, 6.115, 141.098

■ 53, 15.119,
140.540

■ 55, 2.792, 321.479

■ 57, 11.543,

■ 52, 24.128,
139.913

321.927

■ 51, 33.022,
139.209

■ 58, 20.096,
322.276

■ 50, 41.639,
138.436

■ 60, 28.424,
322.572

■ 49, 49.768,
137.621

■ 62, 36.514,
322.823

■ 49, 57.142,
136.822

■ 63, 44.362,
323.036

■ 48, 63.430,
136.129

■ 65, 51.968,
323.218

■ 48, 68.277,
135.660

■ 67, 59.340,
323.374

■ 48, 71.567,
135.430

■ 69, 66.485,
323.506

Harmonies

Complementary

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



54, 6.115, 141.098



52, 6.138, 321.689

Rectangle

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



54, 6.115, 141.098



54, 6.115, 191.098



54, 6.115, 321.098



54, 6.115, 11.098

Sweetspot

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



54, 6.117, 141.099



70, 2.199, 141.399



54, 4.576, 104.271



37, 1.259, 141.413



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, 6.117, 141.099



69, 8.855, 141.027



54, 4.816, 157.428



27, 5.078, 140.975



47, 71.960, 135.287



1, 1.212, 141.402

Inverse Universe

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



52, 6.138, 321.689



66, 8.886, 321.754



52, 4.847, 338.294



26, 5.096, 321.801



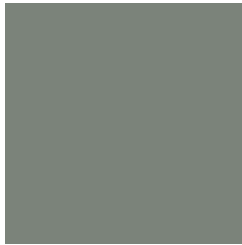
28, 70.651, 324.058



0, 1.212, 321.397

Previews

White Background



This preview shows how the CIE LCh color 54, 6.115, 141.098 looks on a white background.

Color Contrast Check

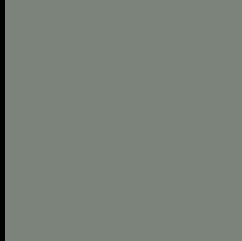
Large Text (above 18pt) WCAG AA ✓ Pass

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, 6.115, 141.098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

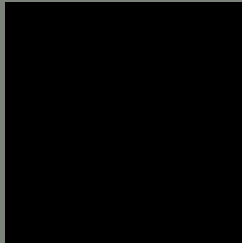
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

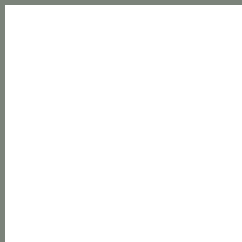
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 6.115, 141.098

Background



This preview shows how black text looks on a background with the CIELCh color 54, 6.115, 141.098.



This preview shows how white text looks on a background with the CIELCh color 54, 6.115, 141.098.

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

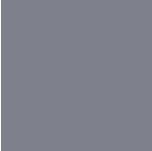
54, 6.115, 141.098

Protanopia

54, 4.497, 82.725

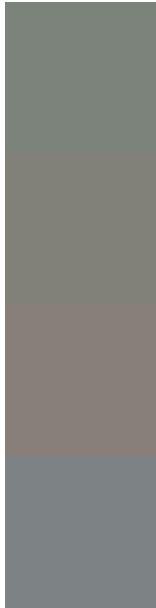
Deuteranopia

54, 7.384, 24.587



Tritanopia
54, 5.859, 279.618

Trichromacy



Original Color

54, 6.115, 141.098

Protanomaly

54, 4.595, 109.598

Deuteranomaly

54, 4.314, 51.795

Tritanomaly

54, 2.579, 241.558

Monochromacy



Original Color

54, 6.115, 141.098

Achromatopsia

54, 0.007, 296.813

Achromatomaly

54, 2.107, 144.406

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 6.115, 141.098 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(123, 131, 122)` looks like.

```
.text, #text, p{  
    color:rgb(123, 131, 122)  
}
```

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(123, 131, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 131, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 6.115, 141.098 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(123, 131, 122) }
```

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

```
.border{ border-color:rgb(123, 131, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 131, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(123, 131, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(123, 131, 122); box-shadow:4px 4px 4px 4px rgb(123, 131, 122) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 6.115, 141.098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 131, 122) }
```

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

```
.background{ background-color: rgb(123,  
131, 122) }
```

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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