

Converting Colors

CIELCh(54, 13.968, 127.732)

Have a look what the booklet for
CIELCh(54, 13.968, 127.732)
contains.

CIELCh(54, 13.945, 127.545)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(54, 13.945, 127.545)

Conversions

Conversions Part 1

Format	Color
Hex	7A856E
RGB	122, 133, 110
RGB Percent	48%, 52%, 43%
CMY	0.5222, 0.4791, 0.5693
CMYK	0.08, 0.00, 0.17, 0.48
HSL	89°, 9%, 48%
HSV	89°, 17%, 52%
XYZ	19.1707, 21.9746, 17.9347
YIQ	127.0890, 0.8270, -9.4850

Conversions

Conversions Part 2

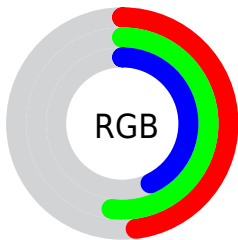
Format	Color
R_{YB}	110, 133, 121
Decimal	8029550
CIE Lab	54.00, -8.50, 11.06
CIE LCh	54, 13.945, 127.545
Yxy	21.9746, 0.3245, 0.3719
Android (android.graphics.Color)	4286219630 (0xFF7A856E)
YUV	127.0890, -8.4249, -4.4631
Hunter-Lab	46.8770, -9.0361, 10.1301

Details

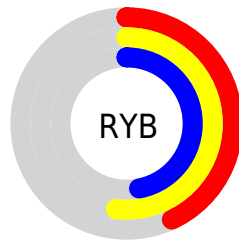
The CIELCh color $54, 13.945, 127.545$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $48, 14.283, 309.094$, and the grayscale version is $53, 0.007, 296.813$.

A 20% lighter version of the original color is $74, 13.618, 127.015$, and $34, 14.532, 127.970$ is the 20% darker color. If you saturate the color by 10%, you get $53, 21.974, 127.075$, and if you desaturate by 10%, it is $55, 5.882, 128.008$.

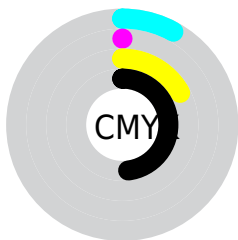
Distribution



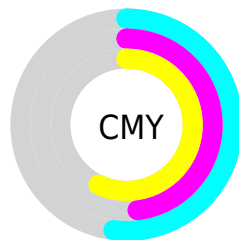
- Red (48%)
- Green (52%)
- Blue (43%)



- Red (43%)
- Yellow (52%)
- Blue (47%)



- Cyan (8%)
- Magenta (0%)
- Yellow (17%)
- Black (48%)





- Cyan (52%)
- Magenta (48%)
- Yellow (57%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 13.945, 127.545 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, 13.945, 127.545 by changing the saturation by 10% instead.


 54, 13.945,
127.545


 54, 13.945,
127.545


 100, 13.945,
127.545


 44, 13.945,
127.545


 74, 13.945,
127.545

 34, 13.945,
127.545

 84, 13.945,
127.545

 24, 13.945,
127.545

 94, 13.945,
127.545

 14, 13.945,
127.545

 4, 13.945, 127.545

 0, 13.945, 127.545

■ 54, 13.945,
127.545

■ 54, 13.945,
127.545

■ 53, 21.974,
127.075

■ 55, 5.882, 128.008

■ 53, 29.891,
126.604

■ 56, 2.165, 308.382

■ 52, 37.589,
126.161

■ 57, 10.157,
308.805

■ 51, 44.916,
125.793

■ 58, 18.067,
309.169

■ 51, 51.655,
125.568

■ 59, 25.875,
309.498

■ 50, 57.516,
125.584

■ 60, 33.568,
309.794

■ 50, 62.174,
125.954

■ 61, 41.135,
310.060

■ 50, 65.579,

■ 62, 48.572,
310.297

126.683

■ 63, 55.875,
310.510

■ 50, 66.462,
126.857

Harmonies

Complementary

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



54, 13.945, 127.545



48, 14.283, 309.094

Rectangle

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



54, 13.945, 127.545



54, 13.945, 177.545



54, 13.945, 307.545



54, 13.945, 357.545

Sweetspot

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



54, 13.946, 127.548



70, 4.995, 128.110



51, 8.093, 69.730



36, 3.395, 128.082



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, 13.946, 127.548



69, 21.027, 127.352



53, 16.075, 142.566



28, 4.532, 127.925



49, 65.433, 126.823



1, 1.087, 128.308

Inverse Universe

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



48, 14.283, 309.094



60, 21.661, 309.304



49, 16.105, 324.417



26, 4.594, 308.699



19, 75.825, 311.748



0, 1.087, 308.306

Previews

White Background



This preview shows how the CIELCh color 54, 13.945, 127.545 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, 13.945, 127.545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

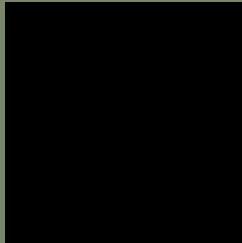
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

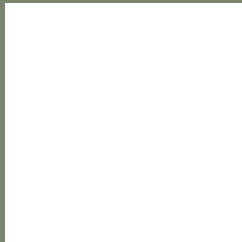
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 13.945, 127.545

Background



This preview shows how black text looks on a background with the CIELCh color 54, 13.945, 127.545.



This preview shows how white text looks on a background with the CIELCh color 54, 13.945, 127.545.

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

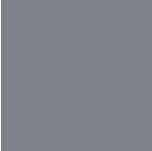
54, 13.945, 127.545

Protanopia

54, 12.393, 94.837

Deuteranopia

54, 12.375, 53.873



Tritanopia
54, 5.859, 279.618

Trichromacy



Original Color
54, 13.945, 127.545

Protanomaly
54, 12.031, 106.679

Deuteranomaly
54, 10.304, 82.286

Tritanomaly
54, 2.642, 173.419

Monochromacy



Original Color
54, 13.945, 127.545

Achromatopsia
53, 0.007, 296.813

Achromatomaly
53, 4.891, 128.826

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 13.945, 127.545 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(122, 133, 110)` looks like.

```
.text, #text, p{  
    color:rgb(122, 133, 110)  
}
```

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(122, 133, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 133, 110) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 13.945, 127.545 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(122, 133, 110) }
```

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

```
.border{ border-color:rgb(122, 133, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 133, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 133, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 133, 110);  
box-shadow:4px 4px 4px 4px rgb(122, 133,  
110) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 13.945, 127.545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 133, 110) }
```

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

```
.background{ background-color: rgb(122,  
133, 110) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor