

Converting Colors

CIELCh(55, 14.288, 13.145)

Have a look what the booklet for
CIELCh(55, 14.288, 13.145) contains.

CIELCh(55, 14.540, 12.054)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(55, 14.540, 12.054)

Conversions

Conversions Part 1

Format	Color
Hex	9E7B7F
RGB	158, 123, 127
RGB Percent	62%, 48%, 50%
CMY	0.3808, 0.5180, 0.5023
CMYK	0.00, 0.22, 0.20, 0.38
HSL	353°, 15%, 55%
HSV	353°, 22%, 62%
XYZ	24.9754, 22.9298, 23.1545
YIQ	133.9210, 19.5760, 8.6640

Conversions

Conversions Part 2

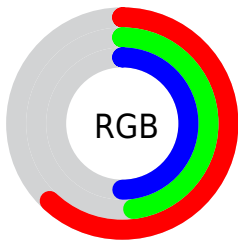
Format	Color
R_{YB}	158, 123, 127
Decimal	10386303
CIE _{Lab}	55.00, 14.22, 3.04
CIE _{LCh}	55, 14.540, 12.054
Yxy	22.9298, 0.3515, 0.3227
Android (android.graphics.Color)	4288576383 (0xFF9E7B7F)
YUV	133.9210, -3.4121, 21.1173
Hunter-Lab	47.8851, 9.3010, 4.8503

Details

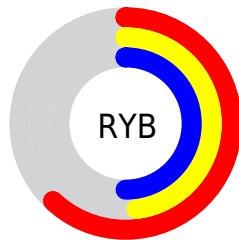
The CIELCh color $55, 14.540, 12.054$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $62, 13.000, 188.292$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 14.337, 12.043$, and $35, 14.582, 12.090$ is the 20% darker color. If you saturate the color by 10%, you get $51, 21.704, 13.356$, and if you desaturate by 10%, it is $59, 7.738, 10.983$.

Distribution



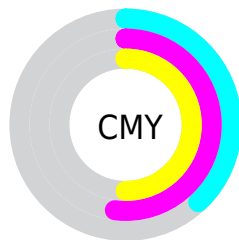
- Red (62%)
- Green (48%)
- Blue (50%)



- Red (62%)
- Yellow (48%)
- Blue (50%)



- Cyan (0%)
- Magenta (22%)
- Yellow (20%)
- Black (38%)



- Cyan (38%)
- Magenta (52%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 14.540, 12.054 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 55, 14.540, 12.054 by changing the saturation by 10% instead.

■ 55, 14.540, 12.054

■ 55, 14.540, 12.054

■ 100, 14.540,
12.054

■ 45, 14.540, 12.054

■ 75, 14.540, 12.054

■ 35, 14.540, 12.054

■ 85, 14.540, 12.054

■ 25, 14.540, 12.054

■ 95, 14.540, 12.054

■ 15, 14.540, 12.054

■ 5, 14.540, 12.054

■ 0, 14.540, 12.054

■ 55, 14.540, 12.054

■ 55, 14.540, 12.054

■ 51, 21.704, 13.356

■ 59, 7.738, 10.983

■ 47, 29.156, 14.961

■ 64, 1.334, 9.834

43, 36.752, 16.979

69, 4.676, 189.531

39, 44.282, 19.536

73, 10.311,
188.850

37, 51.494, 22.752

78, 15.603,
188.291

35, 58.153, 26.683

33, 64.067, 31.180

83, 20.583,
187.807

32, 68.256, 34.494

88, 25.285,
187.380

92, 29.740,
186.999

94, 30.126,
195.358

Harmonies

Complementary

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



55, 14.540, 12.054



62, 13.000, 188.292

Rectangle

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



55, 14.540, 12.054



55, 14.540, 62.054



55, 14.540, 192.054



55, 14.540, 242.054

Sweetspot

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



55, 14.538, 12.060



78, 5.402, 10.483



56, 23.231, 322.270



41, 3.508, 10.536



91, 0.011, 296.813



43, 0.006, 296.813

Same Dimension

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



55, 14.538, 12.060



67, 22.163, 12.720



58, 11.809, 59.769



31, 3.569, 10.694



29, 63.113, 34.053



1, 4.537, 10.470

Inverse Universe

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



55, 14.538, 12.060



67, 22.163, 12.720



59, 10.683, 244.528



31, 3.569, 10.694



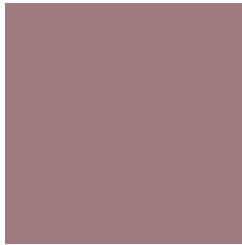
29, 63.113, 34.053



1, 4.537, 10.470

Previews

White Background



This preview shows how the CIELCh color 55, 14.540, 12.054 looks on a white background.

Color Contrast Check

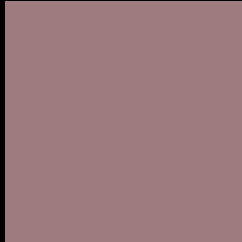
Large Text (above 18pt) WCAG AA ✓ Pass

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 55, 14.540, 12.054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

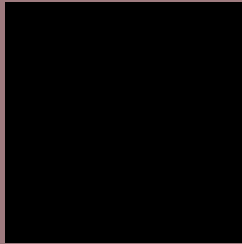
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 14.540, 12.054

Background



This preview shows how black text looks on a background with the CIELCh color 55, 14.540, 12.054.



This preview shows how white text looks on a background with the CIELCh color 55, 14.540, 12.054.

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


55, 14.540, 12.054

Protanopia

55, 1.327, 353.627

Deuteranopia

55, 8.192, 24.216



Tritanopia
55, 15.620, 359.836

Trichromacy



Original Color
55, 14.540, 12.054

Protanomaly
55, 6.146, 9.298

Deuteranomaly
55, 10.251, 20.482

Tritanomaly
55, 15.320, 3.887

Monochromacy



Original Color
55, 14.540, 12.054

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 5.250, 13.655

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 14.540, 12.054 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(158, 123, 127)` looks like.

```
.text, #text, p{  
    color:rgb(158, 123, 127)  
}
```

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(158, 123, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 123, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 14.540, 12.054 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(158, 123, 127) }
```

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

```
.border{ border-color:rgb(158, 123, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 123, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 123, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 123, 127);  
box-shadow:4px 4px 4px 4px rgb(158, 123,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 14.540, 12.054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 123, 127) }
```

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

```
.background{ background-color: rgb(158,  
123, 127) }
```

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