

Converting Colors

CIELCh(55, 14.943, 5.511)

Have a look what the booklet for
CIELCh(55, 14.943, 5.511) contains.

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Color

CIELCh(55, 14.779, 5.472)

Conversions

Conversions Part 1

Format	Color
Hex	9E7B82
RGB	158, 123, 130
RGB Percent	62%, 48%, 51%
CMY	0.3817, 0.5188, 0.4914
CMYK	0.00, 0.22, 0.18, 0.38
HSL	348°, 15%, 55%
HSV	348°, 22%, 62%
XYZ	25.0907, 22.9298, 24.1143
YIQ	134.2630, 18.6130, 9.5970

Conversions

Conversions Part 2

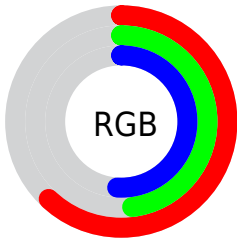
Format	Color
R_{YB}	158, 123, 130
Decimal	10386306
CIE _{Lab}	55.00, 14.71, 1.41
CIE _{LCh}	55, 14.779, 5.472
Yxy	22.9298, 0.3478, 0.3179
Android (android.graphics.Color)	4288576386 (0xFF9E7B82)
YUV	134.2630, -2.1017, 20.8173
Hunter-Lab	47.8851, 9.7309, 3.6620

Details

The CIELCh color **55, 14.779, 5.472** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **62, 13.531, 181.296**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 14.579, 5.768**, and **35, 14.811, 4.962** is the 20% darker color. If you saturate the color by 10%, you get **51, 21.910, 6.818**, and if you desaturate by 10%, it is **59, 7.919, 4.338**.

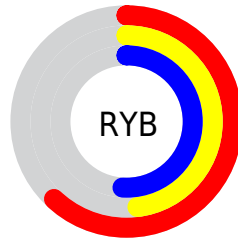
Distribution



Red (62%)

Green (48%)

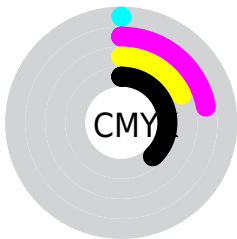
Blue (51%)



Red (62%)

Yellow (48%)

Blue (51%)

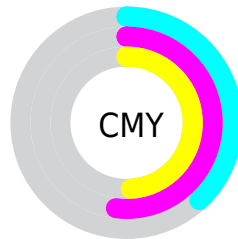


Cyan (0%)

Magenta (22%)

Yellow (18%)

Black (38%)



Cyan (38%)

Magenta (52%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 14.779, 5.472 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, 14.779, 5.472 by changing the saturation by 10% instead.

 55, 14.779, 5.472  55, 14.779, 5.472

 100, 14.779, 5.472  45, 14.779, 5.472

 75, 14.779, 5.472  35, 14.779, 5.472

 85, 14.779, 5.472  25, 14.779, 5.472

 95, 14.779, 5.472  15, 14.779, 5.472

 5, 14.779, 5.472

 0, 14.779, 5.472

 55, 14.779, 5.472  55, 14.779, 5.472

 51, 21.910, 6.818  59, 7.919, 4.338

 47, 29.212, 8.445  64, 1.385, 3.135

43, 36.512, 10.459

69, 4.808, 182.714

40, 43.572, 12.985

73, 10.667,
181.948

37, 50.115, 16.171

78, 16.211,
181.298

35, 55.909, 20.138

33, 60.869, 24.895

83, 21.466,
180.723

33, 64.484, 28.726

87, 26.458,
180.206

92, 31.214,
179.737

94, 31.486,
186.259

Harmonies

Complementary

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



55, 14.779, 5.472



62, 13.531, 181.296

Rectangle

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



55, 14.779, 5.472



55, 14.779, 55.472



55, 14.779, 185.472



55, 14.779, 235.472

Sweetspot

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



55, 14.777, 5.477



78, 5.539, 3.801



55, 22.726, 319.770



41, 3.596, 3.858



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, 14.777, 5.477



67, 22.452, 6.161



58, 11.861, 50.185



31, 3.655, 4.027



29, 59.718, 28.209



1, 4.656, 4.038

Inverse Universe

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



55, 14.777, 5.477



67, 22.452, 6.161



59, 10.458, 233.509



31, 3.655, 4.027



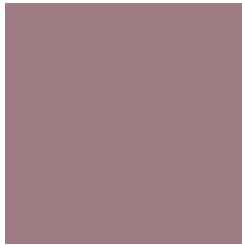
29, 59.718, 28.209



1, 4.656, 4.038

Previews

White Background



This preview shows how the CIELCh color 55, 14.779, 5.472 looks on a white background.

Color Contrast Check

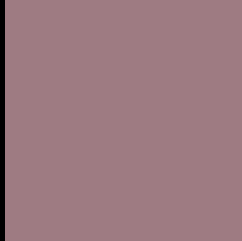
Large Text (above 18pt) WCAG AA ✓ Pass

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, 14.779, 5.472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

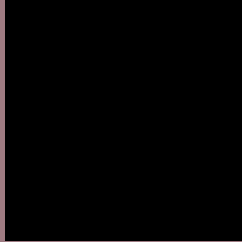
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 14.779, 5.472

Background



This preview shows how black text looks on a background with the CIELCh color 55, 14.779, 5.472.



This preview shows how white text looks on a background with the CIELCh color 55, 14.779, 5.472.

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, 14.779, 5.472

Protanopia

55, 2.443, 309.156

Deuteranopia

55, 7.308, 15.670



Tritanopia
55, 15.620, 359.836

Trichromacy



Original Color
55, 14.779, 5.472

Protanomaly
55, 6.289, 352.960

Deuteranomaly
55, 9.895, 10.523

Tritanomaly
55, 15.460, 1.841

Monochromacy



Original Color
55, 14.779, 5.472

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 5.332, 7.549

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 14.779, 5.472 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, 130)` looks like.

```
.text, #text, p{  
    color:rgb(158, 123, 130)  
}
```

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, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 123, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 14.779, 5.472 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, 130) }
```

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

```
.border{ border-color:rgb(158, 123, 130) }
```

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, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 123, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 123, 130);  
box-shadow:4px 4px 4px 4px rgb(158, 123,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 14.779, 5.472 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, 130) }
```

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

```
.background{ background-color: rgb(158,  
123, 130) }
```

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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