

Converting Colors

CIELCh(55, 12.437, 18.191)

Have a look what the booklet for
CIELCh(55, 12.437, 18.191) contains.

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Color

CIELCh(55, 12.792, 18.254)

Conversions

Conversions Part 1

Format	Color
Hex	9B7C7D
RGB	155, 124, 125
RGB Percent	61%, 49%, 49%
CMY	0.3915, 0.5130, 0.5091
CMYK	0.00, 0.20, 0.19, 0.39
HSL	358°, 13%, 55%
HSV	358°, 20%, 61%
XYZ	24.4939, 22.9298, 22.5944
YIQ	133.3830, 18.1550, 6.8830

Conversions

Conversions Part 2

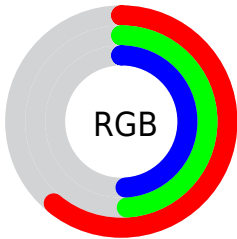
Format	Color
R_{YB}	155, 124, 125
Decimal	10189949
CIE _{Lab}	55.00, 12.15, 4.01
CIE _{LCh}	55, 12.792, 18.254
Yxy	22.9298, 0.3498, 0.3275
Android (android.graphics.Color)	4288380029 (0xFF9B7C7D)
YUV	133.3830, -4.1328, 18.9581
Hunter-Lab	47.8851, 7.5063, 5.5438

Details

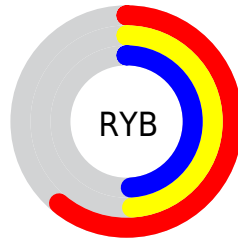
The CIELCh color $55, 12.792, 18.254$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $62, 11.340, 195.565$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 12.690, 18.034$, and $35, 12.704, 18.632$ is the 20% darker color. If you saturate the color by 10%, you get $51, 19.877, 19.371$, and if you desaturate by 10%, it is $59, 6.161, 17.356$.

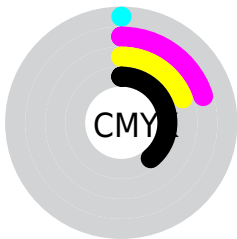
Distribution



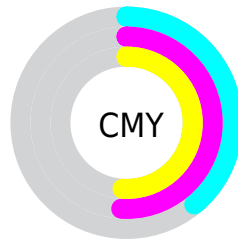
- Red (61%)
- Green (49%)
- Blue (49%)



- Red (61%)
- Yellow (49%)
- Blue (49%)



- Cyan (0%)
- Magenta (20%)
- Yellow (19%)
- Black (39%)



- Cyan (39%)
- Magenta (51%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 12.792, 18.254 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, 12.792, 18.254 by changing the saturation by 10% instead.

■ 55, 12.792, 18.254

■ 55, 12.792, 18.254

■ 100, 12.792,
18.254

■ 45, 12.792, 18.254

■ 75, 12.792, 18.254

■ 35, 12.792, 18.254

■ 85, 12.792, 18.254

■ 25, 12.792, 18.254

■ 95, 12.792, 18.254

■ 15, 12.792, 18.254

■ 5, 12.792, 18.254

■ 0, 12.792, 18.254

■ 55, 12.792, 18.254

■ 55, 12.792, 18.254

■ 51, 19.877, 19.371

■ 59, 6.161, 17.356

■ 47, 27.378, 20.781

■ 64, 0.013, 233.014

■ 43, 35.192, 22.589

■ 69, 5.746, 196.252

■ 39, 43.150, 24.907

■ 73, 11.082,
195.752

■ 36, 51.016, 27.826

■ 78, 16.057,
195.354

■ 34, 58.502, 31.340

■ 33, 65.187, 35.157

■ 83, 20.712,
195.024

■ 32, 70.510, 38.286

■ 87, 25.085,
194.744

■ 32, 70.521, 38.291

■ 92, 29.210,
194.504

■ 94, 30.613,
197.533

Harmonies

Complementary

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



55, 12.792, 18.254



62, 11.340, 195.565

Rectangle

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



55, 12.792, 18.254



55, 12.792, 68.254



55, 12.792, 198.254



55, 12.792, 248.254

Sweetspot

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



55, 12.791, 18.261



78, 4.517, 17.021



56, 21.124, 324.567



41, 3.027, 17.075



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, 12.791, 18.261



68, 19.310, 18.728



59, 10.685, 69.399



30, 3.439, 17.291



28, 65.041, 37.768



1, 3.601, 16.775

Inverse Universe

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



55, 12.791, 18.261



68, 19.310, 18.728



58, 10.041, 254.448



30, 3.439, 17.291



28, 65.041, 37.768



1, 3.601, 16.775

Previews

White Background



This preview shows how the CIELCh color 55, 12.792, 18.254 looks on a white background.

Color Contrast Check

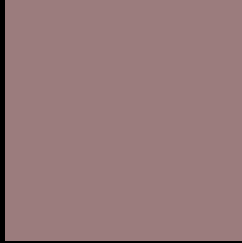
Large Text (above 18pt) WCAG AA ✓ Pass

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, 12.792, 18.254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

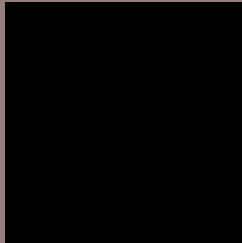
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 12.792, 18.254

Background



This preview shows how black text looks on a background with the CIELCh color 55, 12.792, 18.254.



This preview shows how white text looks on a background with the CIELCh color 55, 12.792, 18.254.

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, 12.792, 18.254

Protanopia

55, 1.954, 55.172

Deuteranopia

55, 8.276, 28.133



Tritanopia
55, 14.461, 357.854

Trichromacy



Original Color
55, 12.792, 18.254

Protanomaly
55, 5.282, 26.082

Deuteranomaly
55, 9.879, 23.727

Tritanomaly
55, 13.982, 4.437

Monochromacy



Original Color
55, 12.792, 18.254

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 4.846, 13.079

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 12.792, 18.254 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(155, 124, 125)` looks like.

```
.text, #text, p{  
    color:rgb(155, 124, 125)  
}
```

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(155, 124, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 124, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 12.792, 18.254 is called "border". The border property can be set on classes, ids or directly on the HTML element.

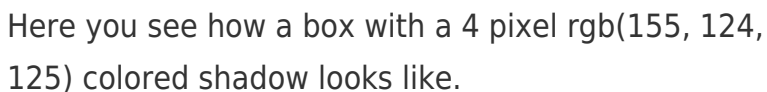
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 124, 125) }
```

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

```
.border{ border-color:rgb(155, 124, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 124, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 124, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 124, 125);  
box-shadow:4px 4px 4px 4px rgb(155, 124,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 12.792, 18.254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 124, 125) }
```

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

```
.background{ background-color: rgb(155,  
124, 125) }
```

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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