

Converting Colors

CIELCh(55, 11.843, 338.034)

Have a look what the booklet for
CIELCh(55, 11.843, 338.034)
contains.

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Color

CIELCh(55, 11.828, 338.027)

Conversions

Conversions Part 1

Format	Color
Hex	947E8C
RGB	148, 126, 140
RGB Percent	58%, 49%, 55%
CMY	0.4215, 0.5077, 0.4529
CMYK	0.00, 0.15, 0.05, 0.42
HSL	322°, 9%, 54%
HSV	322°, 15%, 58%
XYZ	24.2225, 22.9298, 27.7737
YIQ	134.1740, 8.6180, 9.0180

Conversions

Conversions Part 2

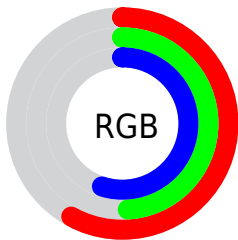
Format	Color
R_{YB}	148, 126, 140
Decimal	9731724
CIE Lab	55.00, 10.97, -4.43
CIE LCh	55, 11.828, 338.027
Yxy	22.9298, 0.3233, 0.3060
Android (android.graphics.Color)	4287921804 (0xFF947E8C)
YUV	134.1740, 2.8722, 12.1254
Hunter-Lab	47.8851, 6.4947, -0.8690

Details

The CIELCh color $55, 11.828, 338.027$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 11.716, 155.890$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 11.776, 337.074$, and $35, 11.742, 337.789$ is the 20% darker color. If you saturate the color by 10%, you get $51, 19.862, 338.829$, and if you desaturate by 10%, it is $59, 3.859, 337.246$.

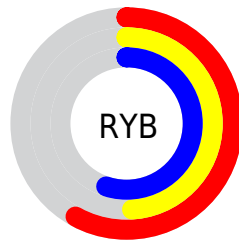
Distribution



Red (58%)

Green (49%)

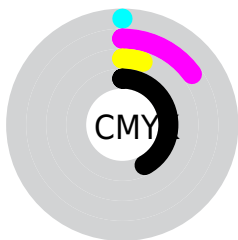
Blue (55%)



Red (58%)

Yellow (49%)

Blue (55%)

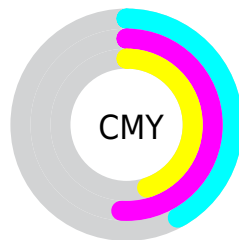


Cyan (0%)

Magenta (15%)

Yellow (5%)

Black (42%)



Cyan (42%)


Magenta (51%)


Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 11.828, 338.027 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, 11.828, 338.027 by changing the saturation by 10% instead.


 55, 11.828,
338.027


 55, 11.828,
338.027


 100, 11.828,
338.027


 45, 11.828,
338.027


 75, 11.828,
338.027

 35, 11.828,
338.027

 85, 11.828,
338.027

 25, 11.828,
338.027

 95, 11.828,
338.027

 15, 11.828,
338.027

 5, 11.828, 338.027

 0, 11.828, 338.027

■ 55, 11.828,
338.027

■ 55, 11.828,
338.027

■ 51, 19.862,
338.829

■ 59, 3.859, 337.246

■ 47, 27.830,
339.692

■ 63, 3.953, 156.710

■ 44, 35.525,
340.640

■ 68, 11.562,
156.025

■ 40, 42.666,
341.701

■ 72, 18.944,
155.418

■ 38, 48.903,
342.915

■ 76, 26.094,
154.853

■ 35, 53.852,
344.343

■ 80, 33.014,
154.325


■ 34, 57.187,
346.066


■ 85, 39.714,
153.830

■ 32, 58.786,

■ 89, 46.208,
153.365

348.176

 92, 50.665,
153.493

 32, 59.343,
349.320

Harmonies

Complementary

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



55, 11.828, 338.027



59, 11.716, 155.890

Rectangle

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



55, 11.828, 338.027



55, 11.828, 28.027



55, 11.828, 158.027



55, 11.828, 208.027

Sweetspot

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



55, 11.826, 338.029



75, 3.889, 337.173



54, 13.073, 304.481



40, 2.787, 337.236



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



55, 11.826, 338.029



68, 17.692, 338.300



55, 9.108, 8.454



29, 4.472, 337.590



30, 56.509, 349.143



1, 3.879, 336.975

Inverse Universe

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



55, 11.826, 338.029



68, 17.692, 338.300



59, 8.523, 185.955



29, 4.472, 337.590



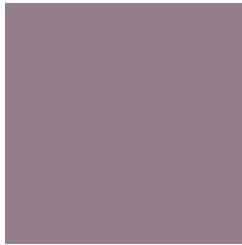
30, 56.509, 349.143



1, 3.879, 336.975

Previews

White Background



This preview shows how the CIELCh color 55, 11.828, 338.027 looks on a white background.

Color Contrast Check

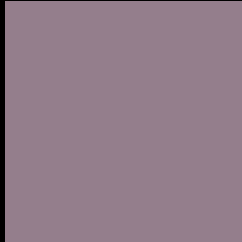
Large Text (above 18pt) WCAG AA ✓ Pass

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, 11.828, 338.027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

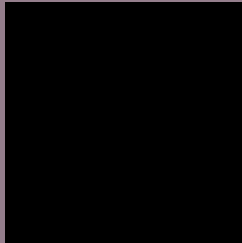
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 11.828, 338.027

Background



This preview shows how black text looks on a background with the CIELCh color 55, 11.828, 338.027.

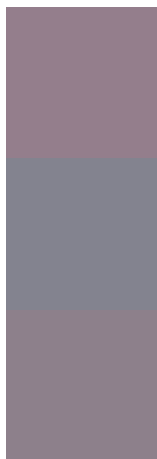


This preview shows how white text looks on a background with the CIELCh color 55, 11.828, 338.027.

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, 11.828, 338.027

Protanopia

55, 6.898, 291.014

Deuteranopia

55, 8.151, 329.474



Tritanopia
55, 10.138, 346.137

Trichromacy



Original Color
55, 11.828, 338.027

Protanomaly
55, 8.127, 313.349

Deuteranomaly
55, 9.358, 333.020

Tritanomaly
55, 10.459, 343.520

Monochromacy



Original Color
55, 11.828, 338.027

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 4.283, 337.826

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 11.828, 338.027 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(148, 126, 140)` looks like.

```
.text, #text, p{  
    color:rgb(148, 126, 140)  
}
```

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(148, 126, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 126, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 11.828, 338.027 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(148, 126, 140) }
```

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

```
.border{ border-color:rgb(148, 126, 140) }
```

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

Here you see how a box with a 4 pixel rgb(148, 126, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 126, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 126, 140);  
box-shadow:4px 4px 4px 4px rgb(148, 126,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 11.828, 338.027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 126, 140) }
```

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

```
.background{ background-color: rgb(148,  
126, 140) }
```

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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