

Converting Colors

CIELCh(55, 19.517, 341.537)

Have a look what the booklet for
CIELCh(55, 19.517, 341.537)
contains.

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Color

CIELCh(55, 19.492, 341.537)

Conversions

Conversions Part 1

Format	Color
Hex	9F798F
RGB	159, 121, 143
RGB Percent	62%, 47%, 56%
CMY	0.3775, 0.5265, 0.4403
CMYK	0.00, 0.24, 0.10, 0.38
HSL	325°, 16%, 55%
HSV	325°, 24%, 62%
XYZ	25.9876, 22.9298, 28.9374
YIQ	134.8700, 15.5860, 14.8980

Conversions

Conversions Part 2

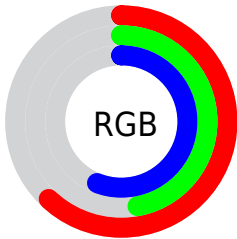
Format	Color
R_{YB}	159, 121, 143
Decimal	10451343
CIE _{Lab}	55.00, 18.49, -6.17
CIE _{LCh}	55, 19.492, 341.537
Yxy	22.9298, 0.3338, 0.2945
Android (android.graphics.Color)	4288641423 (0xFF9F798F)
YUV	134.8700, 4.0081, 21.1620
Hunter-Lab	47.8851, 13.0742, -2.3098

Details

The CIELCh color $55, 19.492, 341.537$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $62, 19.116, 157.655$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 19.312, 341.309$, and $35, 19.584, 341.176$ is the 20% darker color. If you saturate the color by 10%, you get $51, 27.678, 342.485$, and if you desaturate by 10%, it is $59, 11.269, 340.673$.

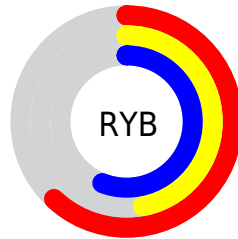
Distribution



Red (62%)

Green (47%)

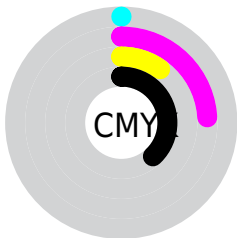
Blue (56%)



Red (62%)

Yellow (47%)

Blue (56%)

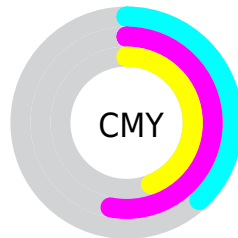


Cyan (0%)

Magenta (24%)

Yellow (10%)

Black (38%)



Cyan (38%)


Magenta (53%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 19.492, 341.537 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, 19.492, 341.537 by changing the saturation by 10% instead.


 55, 19.492,
341.537


 55, 19.492,
341.537


 100, 19.492,
341.537


 45, 19.492,
341.537


 75, 19.492,
341.537

 35, 19.492,
341.537

 85, 19.492,
341.537

 25, 19.492,
341.537

 95, 19.492,
341.537

 15, 19.492,
341.537

 5, 19.492, 341.537

 0, 19.492, 341.537

55, 19.492,
341.537

55, 19.492,
341.537

51, 27.678,
342.485

59, 11.269,
340.673

47, 35.630,
343.543

64, 3.150, 339.820

68, 4.787, 159.267

44, 43.058,
344.751

73, 12.497,
158.559

41, 49.598,
346.165

77, 19.963,
157.929

38, 54.847,
347.864

82, 27.181,
157.346

36, 58.452,
349.954

86, 34.159,
156.802

35, 60.252,
352.562

91, 40.908,
156.295

34, 60.897,

354.308

 93, 42.610,
157.849

Harmonies

Complementary

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



55, 19.492, 341.537



62, 19.116, 157.655

Rectangle

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



55, 19.492, 341.537



55, 19.492, 31.537



55, 19.492, 161.537



55, 19.492, 211.537

Sweetspot

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



55, 19.490, 341.538



79, 6.973, 340.108



53, 22.828, 307.352



42, 4.569, 340.154



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



55, 19.490, 341.538



68, 29.318, 342.059



54, 15.816, 14.678



31, 4.540, 340.285



30, 56.448, 353.980



1, 5.762, 341.093

Inverse Universe

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



55, 19.490, 341.538



68, 29.318, 342.059



63, 13.872, 190.804



31, 4.540, 340.285



30, 56.448, 353.980



1, 5.762, 341.093

Previews

White Background



This preview shows how the CIELCh color 55, 19.492, 341.537 looks on a white background.

Color Contrast Check

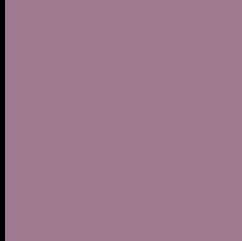
Large Text (above 18pt) WCAG AA ✓ Pass

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, 19.492, 341.537 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

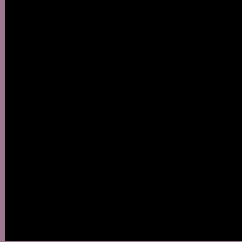
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 19.492, 341.537

Background



This preview shows how black text looks on a background with the CIELCh color 55, 19.492, 341.537.



This preview shows how white text looks on a background with the CIELCh color 55, 19.492, 341.537.

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, 19.492, 341.537

Protanopia

55, 10.356, 287.303

Deuteranopia

55, 8.852, 322.783



Tritanopia
55, 14.664, 0.635

Trichromacy



Original Color
55, 19.492, 341.537

Protanomaly
55, 12.591, 314.674

Deuteranomaly
55, 13.040, 332.417

Tritanomaly
55, 16.452, 352.296

Monochromacy



Original Color
55, 19.492, 341.537

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 7.197, 340.688

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 19.492, 341.537 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(159, 121, 143)` looks like.

```
.text, #text, p{  
    color:rgb(159, 121, 143)  
}
```

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(159, 121, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 121, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 19.492, 341.537 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(159, 121, 143) }
```

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

```
.border{ border-color:rgb(159, 121, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 121, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 121, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 121, 143);  
box-shadow:4px 4px 4px 4px rgb(159, 121,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 19.492, 341.537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 121, 143) }
```

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

```
.background{ background-color: rgb(159,  
121, 143) }
```

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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