

Converting Colors

CIELCh(55, 19.000, 330.582)

Have a look what the booklet for
CIELCh(55, 19.000, 330.582)
contains.

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Color

CIELCh(55, 19.145, 330.408)

Conversions

Conversions Part 1

Format	Color
Hex	997A94
RGB	153, 122, 148
RGB Percent	60%, 48%, 58%
CMY	0.3989, 0.5205, 0.4185
CMYK	0.00, 0.20, 0.03, 0.40
HSL	310°, 13%, 54%
HSV	310°, 20%, 60%
XYZ	25.5478, 22.9298, 31.2096
YIQ	134.2330, 10.1300, 14.6580

Conversions

Conversions Part 2

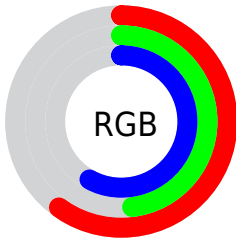
Format	Color
R _Y B	153, 122, 148
Decimal	10058388
CIE Lab	55.00, 16.65, -9.45
CIE LCh	55, 19.145, 330.408
Yxy	22.9298, 0.3206, 0.2877
Android (android.graphics.Color)	4288248468 (0xFF997A94)
YUV	134.2330, 6.7871, 16.4587
Hunter-Lab	47.8851, 11.4349, -5.1233

Details

The CIELCh color $55, 19.145, 330.408$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $60, 19.088, 147.869$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 18.952, 330.864$, and $35, 19.122, 331.234$ is the 20% darker color. If you saturate the color by 10%, you get $51, 28.596, 331.032$, and if you desaturate by 10%, it is $59, 9.638, 329.791$.

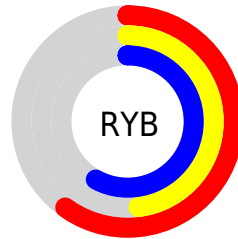
Distribution



Red (60%)

Green (48%)

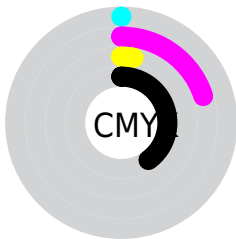
Blue (58%)



Red (60%)

Yellow (48%)

Blue (58%)

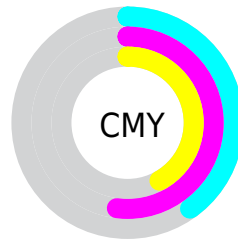


Cyan (0%)

Magenta (20%)

Yellow (3%)

Black (40%)



Cyan (40%)


Magenta (52%)

Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 19.145, 330.408 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, 19.145, 330.408 by changing the saturation by 10% instead.


 55, 19.145,
330.408


 55, 19.145,
330.408


 100, 19.145,
330.408


 45, 19.145,
330.408


 75, 19.145,
330.408

 35, 19.145,
330.408

 85, 19.145,
330.408

 25, 19.145,
330.408

 95, 19.145,
330.408

 15, 19.145,
330.408

 5, 19.145, 330.408

 0, 19.145, 330.408

■ 55, 19.145,
330.408

■ 55, 19.145,
330.408

■ 51, 28.596,
331.032

■ 59, 9.638, 329.791

■ 63, 0.222, 328.128

■ 47, 37.791,
331.665

■ 67, 9.016, 148.691

■ 44, 46.446,
332.304

■ 72, 18.024,
148.136

■ 41, 54.206,
332.950

■ 76, 26.776,
147.616

■ 39, 60.675,
333.608

■ 81, 35.264,
147.123

■ 37, 65.482,
334.288


■ 85, 43.490,
146.658

■ 36, 68.388,
335.012

■ 89, 51.462,
146.220

■ 35, 69.800,

335.764

 92, 56.250,
146.206

Harmonies

Complementary

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



55, 19.145, 330.408



60, 19.088, 147.869

Rectangle

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



55, 19.145, 330.408



55, 19.145, 20.408



55, 19.145, 150.408



55, 19.145, 200.408

Sweetspot

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



55, 19.143, 330.409



77, 6.972, 329.530



53, 18.112, 297.735



40, 4.614, 329.568



90, 0.011, 296.813



42, 0.006, 296.813

Same Dimension

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



55, 19.143, 330.409



68, 28.097, 330.672



55, 13.917, 354.541



30, 5.313, 329.728



32, 65.479, 335.696



1, 5.655, 329.653

Inverse Universe

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



55, 19.143, 330.409



68, 28.097, 330.672



61, 13.273, 170.741



30, 5.313, 329.728



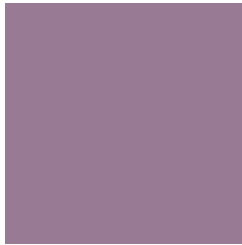
32, 65.479, 335.696



1, 5.655, 329.653

Previews

White Background



This preview shows how the CIELCh color 55, 19.145, 330.408 looks on a white background.

Color Contrast Check

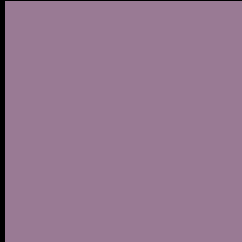
Large Text (above 18pt) WCAG AA ✓ Pass

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, 19.145, 330.408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

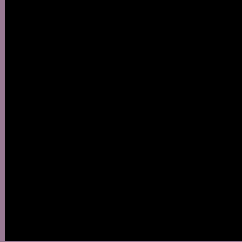
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 19.145, 330.408

Background



This preview shows how black text looks on a background with the CIELCh color 55, 19.145, 330.408.



This preview shows how white text looks on a background with the CIELCh color 55, 19.145, 330.408.

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, 19.145, 330.408

Protanopia

55, 13.235, 287.010

Deuteranopia

55, 11.627, 310.531



Tritanopia
55, 11.623, 354.461

Trichromacy



Original Color
55, 19.145, 330.408

Protanomaly
55, 14.268, 305.422

Deuteranomaly
55, 13.967, 321.125

Tritanomaly
55, 14.023, 343.264

Monochromacy



Original Color
55, 19.145, 330.408

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 7.443, 329.854

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 19.145, 330.408 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(153, 122, 148)` looks like.

```
.text, #text, p{  
    color:rgb(153, 122, 148)  
}
```

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(153, 122, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 122, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 19.145, 330.408 is called "border". The border property can be set on classes, ids or directly on the HTML element.

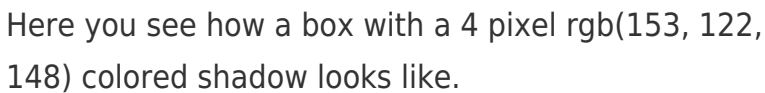
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 122, 148) }
```

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

```
.border{ border-color:rgb(153, 122, 148) }
```

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



Here you see how a box with a 4 pixel rgb(153, 122, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 122, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 122, 148);  
box-shadow:4px 4px 4px 4px rgb(153, 122,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 19.145, 330.408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 122, 148) }
```

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

```
.background{ background-color: rgb(153,  
122, 148) }
```

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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