

Converting Colors

CIELCh(55, 21.493, 322.880)

Have a look what the booklet for
CIELCh(55, 21.493, 322.880)
contains.

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Color

CIELCh(55, 21.466, 322.874)

Conversions

Conversions Part 1

Format	Color
Hex	977A9A
RGB	151, 122, 154
RGB Percent	59%, 48%, 60%
CMY	0.4068, 0.5205, 0.3950
CMYK	0.02, 0.21, 0.00, 0.40
HSL	294°, 14%, 54%
HSV	294°, 21%, 60%
XYZ	25.6590, 22.9298, 33.7627
YIQ	134.3190, 7.0120, 16.1000

Conversions

Conversions Part 2

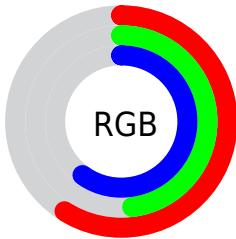
Format	Color
R _Y B	151, 122, 154
Decimal	9927322
CIE Lab	55.00, 17.12, -12.96
CIE LCh	55, 21.466, 322.874
Yxy	22.9298, 0.3116, 0.2784
Android (android.graphics.Color)	4288117402 (0xFF977A9A)
YUV	134.3190, 9.7027, 14.6292
Hunter-Lab	47.8851, 11.8492, -8.2845

Details

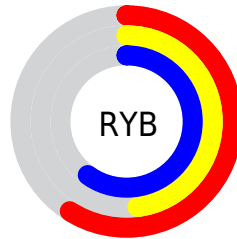
The CIELCh color $55, 21.466, 322.874$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $61, 21.369, 140.751$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 20.914, 322.735$, and $35, 21.625, 323.031$ is the 20% darker color. If you saturate the color by 10%, you get $51, 31.840, 323.346$, and if you desaturate by 10%, it is $59, 11.062, 322.386$.

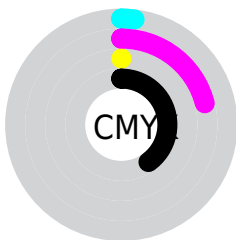
Distribution



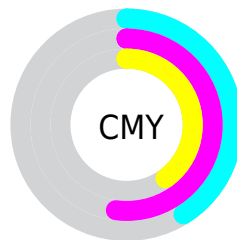
- Red (59%)
- Green (48%)
- Blue (60%)



- Red (59%)
- Yellow (48%)
- Blue (60%)



- Cyan (2%)
- Magenta (21%)
- Yellow (0%)
- Black (40%)





- Cyan (41%)
- Magenta (52%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 21.466, 322.874 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, 21.466, 322.874 by changing the saturation by 10% instead.


 55, 21.466,
322.874


 55, 21.466,
322.874


 100, 21.466,
322.874


 45, 21.466,
322.874


 75, 21.466,
322.874

 35, 21.466,
322.874

 85, 21.466,
322.874

 25, 21.466,
322.874

 95, 21.466,
322.874

 15, 21.466,
322.874

 5, 21.466, 322.874

 0, 21.466, 322.874

55, 21.466,
322.874

55, 21.466,
322.874

51, 31.840,
323.346

59, 11.062,
322.386

47, 41.987,
323.789

63, 0.769, 321.674

44, 51.625,
324.184

68, 9.325, 141.483

41, 60.399,
324.506

72, 19.171,
141.026

38, 67.897,
324.730

76, 28.742,
140.599

36, 73.726,
324.828

81, 38.027,
140.199


35, 77.614,
324.782

85, 47.029,
139.826

34, 79.884,

90, 55.753,
139.479

324.643

 92, 60.789,
139.146

Harmonies

Complementary

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



55, 21.466, 322.874



61, 21.369, 140.751

Rectangle

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



55, 21.466, 322.874



55, 21.466, 12.874



55, 21.466, 142.874



55, 21.466, 192.874

Sweetspot

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



55, 21.464, 322.874



78, 7.651, 322.151



53, 16.681, 288.263



41, 5.117, 322.183



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, 21.464, 322.874



68, 32.180, 323.101



55, 16.717, 340.216



30, 5.772, 322.310



30, 74.509, 324.672



1, 6.179, 321.605

Inverse Universe

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



54, 13.270, 13.497



67, 20.167, 14.051



61, 16.466, 156.989



30, 3.460, 12.326



28, 63.020, 35.107



1, 3.634, 11.787

Previews

White Background



This preview shows how the CIELCh color 55, 21.466, 322.874 looks on a white background.

Color Contrast Check

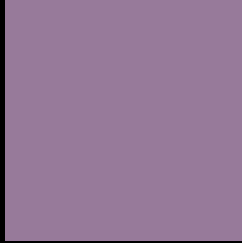
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 55, 21.466, 322.874 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

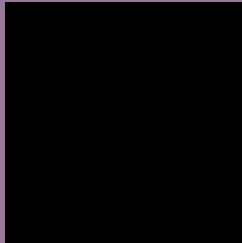
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 21.466, 322.874

Background



This preview shows how black text looks on a background with the CIELCh color 55, 21.466, 322.874.



This preview shows how white text looks on a background with the CIELCh color 55, 21.466, 322.874.

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, 21.466, 322.874

Protanopia

55, 16.740, 284.835

Deuteranopia

55, 13.965, 299.437



Tritanopia
55, 10.534, 351.340

Trichromacy



Original Color
55, 21.466, 322.874

Protanomaly
55, 17.501, 300.603

Deuteranomaly
55, 15.799, 309.829

Tritanomaly
55, 13.840, 336.241

Monochromacy



Original Color
55, 21.466, 322.874

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 8.141, 322.563

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 21.466, 322.874 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(151, 122, 154)` looks like.

```
.text, #text, p{  
    color:rgb(151, 122, 154)  
}
```

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(151, 122, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 122, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 21.466, 322.874 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(151, 122, 154) }
```

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

```
.border{ border-color:rgb(151, 122, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 122, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 122, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 122, 154);  
box-shadow:4px 4px 4px 4px rgb(151, 122,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 21.466, 322.874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 122, 154) }
```

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

```
.background{ background-color: rgb(151,  
122, 154) }
```

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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