

Converting Colors

CIELCh(55, 39.314, 325.789)

Have a look what the booklet for
CIELCh(55, 39.314, 325.789)
contains.

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Color

CIELCh(55, 38.927, 325.754)

Conversions

Conversions Part 1

Format	Color
Hex	A970AA
RGB	169, 112, 170
RGB Percent	66%, 44%, 67%
CMY	0.3372, 0.5607, 0.3333
CMYK	0.01, 0.34, 0.00, 0.33
HSL	299°, 25%, 55%
HSV	299°, 34%, 67%
XYZ	29.4170, 22.9298, 40.9118
YIQ	135.6550, 15.3540, 30.1220

Conversions

Conversions Part 2

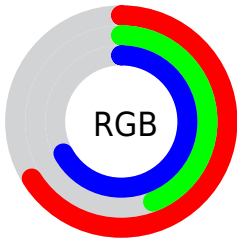
Format	Color
R _Y B	169, 112, 170
Decimal	11104426
CIE _{Lab}	55.00, 32.18, -21.91
CIE _{LCh}	55, 38.927, 325.754
Yxy	22.9298, 0.3154, 0.2459
Android (android.graphics.Color)	4289294506 (0xFFA970AA)
YUV	135.6550, 16.9321, 29.2436
Hunter-Lab	47.8851, 25.8579, -17.1362

Details

The CIELCh color $55, 38.927, 325.754$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $65, 38.911, 141.627$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 38.513, 325.892$, and $35, 38.816, 325.706$ is the 20% darker color. If you saturate the color by 10%, you get $51, 49.800, 326.230$, and if you desaturate by 10%, it is $59, 27.606, 325.244$.

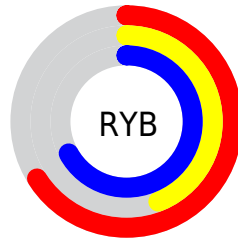
Distribution



Red (66%)

Green (44%)

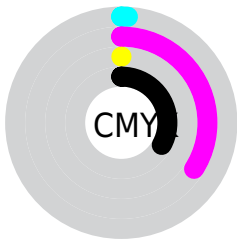
Blue (67%)



Red (66%)

Yellow (44%)

Blue (67%)

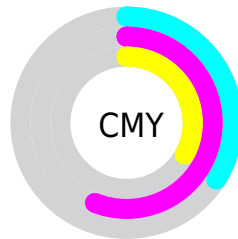


Cyan (1%)

Magenta (34%)

Yellow (0%)

Black (33%)



Cyan (34%)


Magenta (56%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 38.927, 325.754 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, 38.927, 325.754 by changing the saturation by 10% instead.


 55, 38.927,
325.754


 55, 38.927,
325.754


 100, 38.927,
325.754


 45, 38.927,
325.754


 75, 38.927,
325.754

 35, 38.927,
325.754

 85, 38.927,
325.754

 25, 38.927,
325.754

 95, 38.927,
325.754

 15, 38.927,
325.754

 5, 38.927, 325.754

 0, 38.927, 325.754

55, 38.927,
325.754

55, 38.927,
325.754

51, 49.800,
326.230

59, 27.606,
325.244

48, 59.868,
326.656

63, 16.122,
324.714

45, 68.708,
327.014

68, 4.674, 324.152

43, 75.890,
327.286

72, 6.604, 143.714

41, 81.077,
327.462

77, 17.627,
143.186


40, 84.144,
327.538

82, 28.348,
142.694

40, 85.358,
327.556

86, 38.745,
142.229

91, 48.811,
141.791

 93, 52.812,
141.572

Harmonies

Complementary

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



55, 38.927, 325.754



65, 38.911, 141.627

Rectangle

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



55, 38.927, 325.754



55, 38.927, 15.754



55, 38.927, 145.754



55, 38.927, 195.754

Sweetspot

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



55, 38.925, 325.754



83, 14.156, 324.501



50, 32.824, 293.178



43, 9.743, 324.576



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



55, 38.925, 325.754



67, 57.663, 326.121



54, 28.605, 344.968



33, 6.395, 324.452



34, 77.049, 327.564



2, 11.582, 323.790

Inverse Universe

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



53, 24.785, 21.074



64, 37.919, 22.222



65, 27.644, 158.772



33, 3.723, 18.509



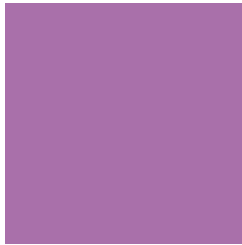
30, 68.408, 38.673



1, 6.575, 18.169

Previews

White Background



This preview shows how the CIELCh color 55, 38.927, 325.754 looks on a white background.

Color Contrast Check

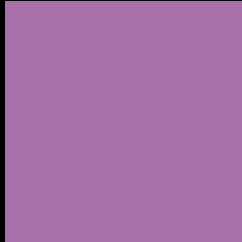
Large Text (above 18pt) WCAG AA ✓ Pass

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, 38.927, 325.754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

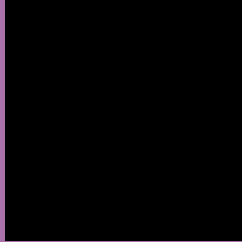
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 38.927, 325.754

Background



This preview shows how black text looks on a background with the CIELCh color 55, 38.927, 325.754.




This preview shows how white text looks on a background with the CIELCh color 55, 38.927, 325.754.

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





Tritanopia
55, 18.674, 5.738

Trichromacy



Original Color
55, 38.927, 325.754

Protanomaly
55, 32.620, 301.055

Deuteranomaly
55, 26.901, 307.717

Tritanomaly
55, 24.534, 343.524

Monochromacy



Original Color
55, 38.927, 325.754

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 14.549, 325.184

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 38.927, 325.754 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(169, 112, 170)` looks like.

```
.text, #text, p{  
    color:rgb(169, 112, 170)  
}
```

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(169, 112, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 112, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 38.927, 325.754 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(169, 112, 170) }
```

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

```
.border{ border-color:rgb(169, 112, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 112, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 112, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 112, 170);  
box-shadow:4px 4px 4px 4px rgb(169, 112,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 38.927, 325.754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 112, 170) }
```

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

```
.background{ background-color: rgb(169,  
112, 170) }
```

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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