

Converting Colors

CIELCh(55, 37.450, 326.667)

Have a look what the booklet for
CIELCh(55, 37.450, 326.667)
contains.

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Color

CIELCh(55, 37.368, 326.698)

Conversions

Conversions Part 1

Format	Color
Hex	A971A8
RGB	169, 113, 168
RGB Percent	66%, 44%, 66%
CMY	0.3388, 0.5583, 0.3427
CMYK	0.00, 0.33, 0.01, 0.34
HSL	301°, 24%, 55%
HSV	301°, 33%, 66%
XYZ	29.1707, 22.9298, 39.7418
YIQ	136.0140, 15.7210, 28.9770

Conversions

Conversions Part 2

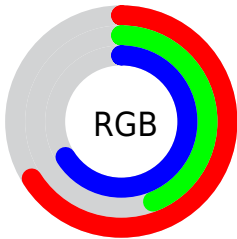
Format	Color
R _Y B	169, 113, 168
Decimal	11104680
CIE Lab	55.00, 31.23, -20.52
CIE LCh	55, 37.368, 326.698
Yxy	22.9298, 0.3176, 0.2497
Android (android.graphics.Color)	4289294760 (0xFFA971A8)
YUV	136.0140, 15.7691, 28.9287
Hunter-Lab	47.8851, 24.9399, -15.6876

Details

The CIELCh color **55, 37.368, 326.698** is a light color, and the websafe version is hex **996699**. A complement of this color would be **64, 37.385, 142.569**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 37.022, 326.813**, and **35, 37.196, 326.701** is the 20% darker color. If you saturate the color by 10%, you get **51, 48.114, 327.203**, and if you desaturate by 10%, it is **59, 26.192, 326.166**.

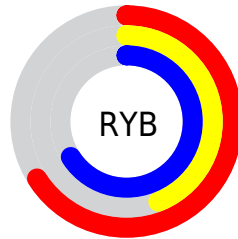
Distribution



Red (66%)

Green (44%)

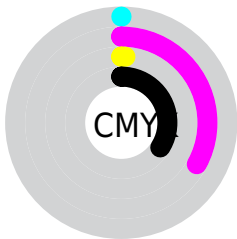
Blue (66%)



Red (66%)

Yellow (44%)

Blue (66%)

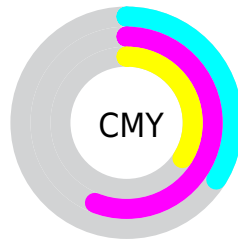


Cyan (0%)

Magenta (33%)

Yellow (1%)

Black (34%)



Cyan (34%)

Magenta (56%)


Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 37.368, 326.698 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, 37.368, 326.698 by changing the saturation by 10% instead.

 55, 37.368,
326.698


 55, 37.368,
326.698

 100, 37.368,
326.698


 45, 37.368,
326.698


 75, 37.368,
326.698

 35, 37.368,
326.698

 85, 37.368,
326.698

 25, 37.368,
326.698

 95, 37.368,
326.698

 15, 37.368,
326.698

 5, 37.368, 326.698

 0, 37.368, 326.698

55, 37.368,
326.698

55, 37.368,
326.698

51, 48.114,
327.203

59, 26.192,
326.166

48, 58.081,
327.665

63, 14.866,
325.617

45, 66.854,
328.071

68, 3.583, 325.025

43, 74.006,
328.408

72, 7.525, 144.586

41, 79.200,
328.667

77, 18.379,
144.048

40, 82.295,
328.849

81, 28.931,
143.544

40, 83.610,
328.945

86, 39.161,
143.066

91, 49.065,
142.615

■ 93, 53.293,
142.475

Harmonies

Complementary

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



55, 37.368, 326.698



64, 37.385, 142.569

Rectangle

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



55, 37.368, 326.698



55, 37.368, 16.698



55, 37.368, 146.698



55, 37.368, 196.698

Sweetspot

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



55, 37.366, 326.698



82, 13.930, 325.449



50, 32.838, 294.824



43, 9.496, 325.524



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



55, 37.366, 326.698



67, 55.366, 327.081



54, 26.839, 347.714



33, 6.353, 325.398



35, 75.949, 328.937



2, 11.476, 325.112

Inverse Universe

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



55, 37.366, 326.698



67, 55.366, 327.081



65, 25.696, 161.444



33, 6.353, 325.398



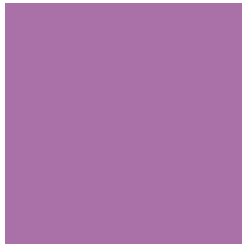
35, 75.949, 328.937



2, 11.476, 325.112

Previews

White Background



This preview shows how the CIELCh color 55, 37.368, 326.698 looks on a white background.

Color Contrast Check

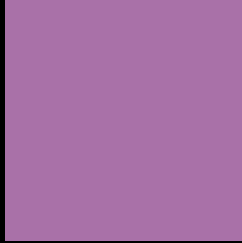
Large Text (above 18pt) WCAG AA ✓ Pass

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, 37.368, 326.698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

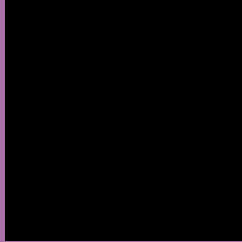
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 37.368, 326.698

Background



This preview shows how black text looks on a background with the CIELCh color 55, 37.368, 326.698.



This preview shows how white text looks on a background with the CIELCh color 55, 37.368, 326.698.

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, 37.368, 326.698

Protanopia
55, 29.438, 285.386

Deuteranopia
55, 20.128, 291.563



Tritanopia
55, 18.674, 5.738

Trichromacy



Original Color
55, 37.368, 326.698

Protanomaly
55, 30.322, 301.439

Deuteranomaly
55, 25.352, 309.462

Tritanomaly
55, 24.221, 344.625

Monochromacy



Original Color
55, 37.368, 326.698

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 13.390, 326.530

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 37.368, 326.698 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, 113, 168)` looks like.

```
.text, #text, p{  
    color:rgb(169, 113, 168)  
}
```

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, 113, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 113, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 37.368, 326.698 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, 113, 168) }
```

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

```
.border{ border-color:rgb(169, 113, 168) }
```

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

Here you see how a box with a 4 pixel rgb(169, 113, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 113, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 113, 168);  
box-shadow:4px 4px 4px 4px rgb(169, 113,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 37.368, 326.698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 113, 168) }
```

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

```
.background{ background-color: rgb(169,  
113, 168) }
```

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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