

Converting Colors

CIELCh(55, 37.606, 325.678)

Have a look what the booklet for
CIELCh(55, 37.606, 325.678)
contains.

CIELCh(55, 37.643, 325.687)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(55, 37.643, 325.687)

Conversions

Conversions Part 1

Format	Color
Hex	A871A9
RGB	168, 113, 169
RGB Percent	66%, 44%, 66%
CMY	0.3419, 0.5576, 0.3380
CMYK	0.01, 0.33, 0.00, 0.34
HSL	299°, 25%, 55%
HSV	299°, 33%, 66%
XYZ	29.1345, 22.9298, 40.3310
YIQ	135.8290, 14.8040, 29.0760

Conversions

Conversions Part 2

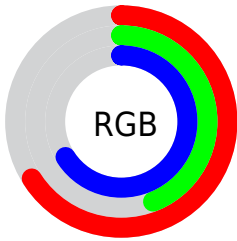
Format	Color
R_{YB}	168, 113, 169
Decimal	11039145
CIE _{Lab}	55.00, 31.09, -21.22
CIE _{LCh}	55, 37.643, 325.687
Yxy	22.9298, 0.3153, 0.2482
Android (android.graphics.Color)	4289229225 (0xFFA871A9)
YUV	135.8290, 16.3533, 28.2140
Hunter-Lab	47.8851, 24.8048, -16.4171

Details

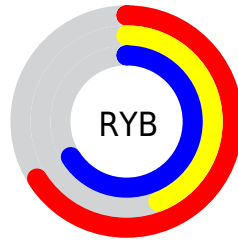
The CIELCh color $55, 37.643, 325.687$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $64, 37.621, 141.696$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 37.267, 325.850$, and $35, 37.522, 325.607$ is the 20% darker color. If you saturate the color by 10%, you get $51, 48.509, 326.167$, and if you desaturate by 10%, it is $59, 26.362, 325.176$.

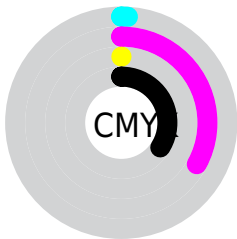
Distribution



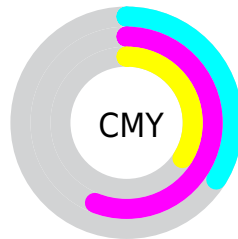
- Red (66%)
- Green (44%)
- Blue (66%)



- Red (66%)
- Yellow (44%)
- Blue (66%)



- Cyan (1%)
- Magenta (33%)
- Yellow (0%)
- Black (34%)





- Cyan (34%)
- Magenta (56%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 37.643, 325.687 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, 37.643, 325.687 by changing the saturation by 10% instead.


 55, 37.643,
325.687


 55, 37.643,
325.687


 100, 37.643,
325.687


 45, 37.643,
325.687


 75, 37.643,
325.687

 35, 37.643,
325.687

 85, 37.643,
325.687

 25, 37.643,
325.687

 95, 37.643,
325.687

 15, 37.643,
325.687

 5, 37.643, 325.687

 0, 37.643, 325.687

55, 37.643,
325.687

55, 37.643,
325.687

51, 48.509,
326.167

59, 26.362,
325.176

48, 58.616,
326.598

63, 14.943,
324.645

45, 67.545,
326.962

68, 3.574, 324.070

43, 74.867,
327.242

72, 7.615, 143.643

41, 80.233,
327.426

77, 18.545,
143.121


40, 83.491,
327.511

82, 29.172,
142.633

39, 84.913,
327.531

86, 39.476,
142.171

91, 49.452,
141.737

 93, 53.536,
141.515

Harmonies

Complementary

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



55, 37.643, 325.687



64, 37.621, 141.696

Rectangle

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



55, 37.643, 325.687



55, 37.643, 15.687



55, 37.643, 145.687



55, 37.643, 195.687

Sweetspot

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



55, 37.641, 325.687



82, 14.020, 324.483



50, 31.665, 293.020



43, 9.558, 324.556



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, 37.641, 325.687



67, 55.795, 326.053



54, 27.650, 344.864



33, 6.394, 324.434



34, 77.051, 327.538



2, 11.578, 323.766

Inverse Universe

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



53, 23.875, 20.894



64, 36.524, 22.003



65, 26.742, 158.879



33, 3.723, 18.456



30, 68.385, 38.647



1, 6.576, 18.122

Previews

White Background



This preview shows how the CIELCh color 55, 37.643, 325.687 looks on a white background.

Color Contrast Check

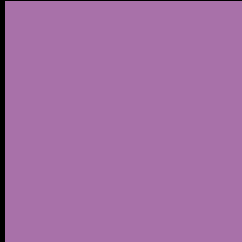
Large Text (above 18pt) WCAG AA ✓ Pass

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, 37.643, 325.687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

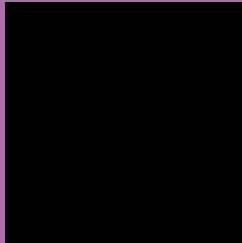
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 37.643, 325.687

Background



This preview shows how black text looks on a background with the CIELCh color 55, 37.643, 325.687.

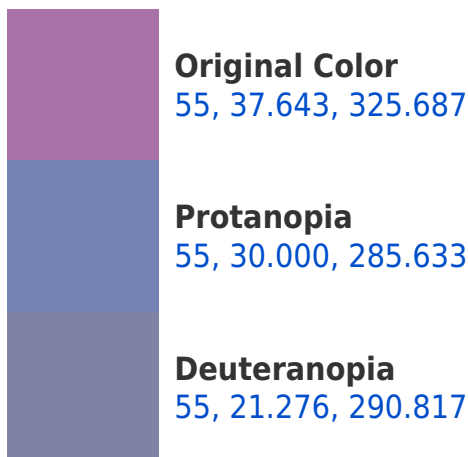


This preview shows how white text looks on a background with the CIELCh color 55, 37.643, 325.687.

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, 17.848, 4.866

Trichromacy



Original Color
55, 37.643, 325.687

Protanomaly
55, 30.844, 300.696

Deuteranomaly
55, 26.352, 308.015

Tritanomaly
55, 23.586, 343.305

Monochromacy



Original Color
55, 37.643, 325.687

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 13.852, 325.147

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 37.643, 325.687 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(168, 113, 169)` looks like.

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

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(168, 113, 169) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 55, 37.643, 325.687 is called "border". The border property can be set on classes, ids or directly on the HTML element.

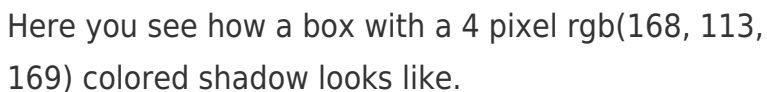
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 113, 169) }
```

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

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

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



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

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

Background

The CSS property to change the background color of an element to CIELCh 55, 37.643, 325.687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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