

Converting Colors

CIELCh(55, 38.038, 326.124)

Have a look what the booklet for
CIELCh(55, 38.038, 326.124)
contains.

CIELCh(55, 38.476, 326.231)	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, 38.476, 326.231)

Conversions

Conversions Part 1

Format	Color
Hex	A970A9
RGB	169, 112, 169
RGB Percent	66%, 44%, 66%
CMY	0.3368, 0.5603, 0.3368
CMYK	0.00, 0.34, 0.00, 0.34
HSL	300°, 25%, 55%
HSV	300°, 34%, 66%
XYZ	29.3665, 22.9298, 40.4717
YIQ	135.5410, 15.6750, 29.8110

Conversions

Conversions Part 2

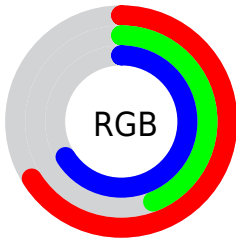
Format	Color
RYB	169, 112, 169
Decimal	11104425
CIELab	55.00, 31.98, -21.39
CIELCh	55, 38.476, 326.231
Yxy	22.9298, 0.3166, 0.2472
Android (android.graphics.Color)	4289294505 (0xFFA970A9)
YUV	135.5410, 16.4953, 29.3435
Hunter-Lab	47.8851, 25.6696, -16.5913

Details

The CIELCh color $55, 38.476, 326.231$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $64, 38.498, 142.060$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 38.085, 326.351$, and $35, 38.337, 326.215$ is the 20% darker color. If you saturate the color by 10%, you get $51, 49.342, 326.721$, and if you desaturate by 10%, it is $59, 27.156, 325.709$.

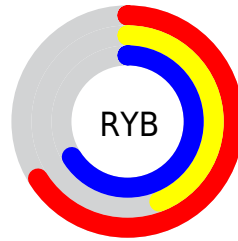
Distribution



Red (66%)

Green (44%)

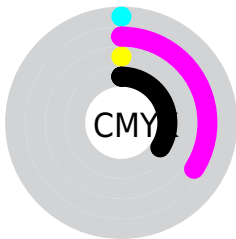
Blue (66%)



Red (66%)

Yellow (44%)

Blue (66%)

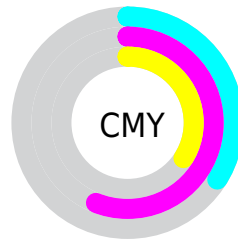


Cyan (0%)

Magenta (34%)

Yellow (0%)

Black (34%)



Cyan (34%)


Magenta (56%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 38.476, 326.231 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, 38.476, 326.231 by changing the saturation by 10% instead.


 55, 38.476,
326.231


 55, 38.476,
326.231


 100, 38.476,
326.231


 45, 38.476,
326.231


 75, 38.476,
326.231

 35, 38.476,
326.231

 85, 38.476,
326.231

 25, 38.476,
326.231

 95, 38.476,
326.231

 15, 38.476,
326.231

 5, 38.476, 326.231

 0, 38.476, 326.231

55, 38.476,
326.231

55, 38.476,
326.231

51, 49.342,
326.721

59, 27.156,
325.709

48, 59.398,
327.164

63, 15.669,
325.167

45, 68.224,
327.543

68, 4.216, 324.589

43, 75.399,
327.844

72, 7.067, 144.142

41, 80.593,
328.057

77, 18.094,
143.605


40, 83.687,
328.183

81, 28.816,
143.102

40, 84.961,
328.234

86, 39.210,
142.625

91, 49.271,
142.175

 93, 53.678,
141.982

Harmonies

Complementary

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



55, 38.476, 326.231



64, 38.498, 142.060

Rectangle

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



55, 38.476, 326.231



55, 38.476, 16.231



55, 38.476, 146.231



55, 38.476, 196.231

Sweetspot

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



55, 38.474, 326.231



82, 14.098, 324.972



49, 33.459, 294.379



43, 9.611, 325.047



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, 38.474, 326.231



67, 56.021, 326.579



54, 27.587, 346.804



33, 6.429, 324.922



35, 76.990, 328.234



2, 11.672, 324.440

Inverse Universe

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



55, 38.474, 326.231



67, 56.021, 326.579



65, 26.492, 160.508



33, 6.429, 324.922



35, 76.990, 328.234



2, 11.672, 324.440

Previews

White Background



This preview shows how the CIELCh color 55, 38.476, 326.231 looks on a white background.

Color Contrast Check

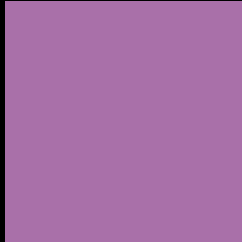
Large Text (above 18pt) WCAG AA ✓ Pass

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, 38.476, 326.231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

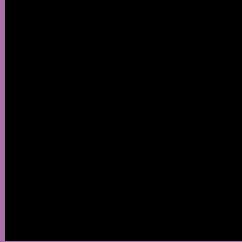
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 38.476, 326.231

Background



This preview shows how black text looks on a background with the CIELCh color 55, 38.476, 326.231.

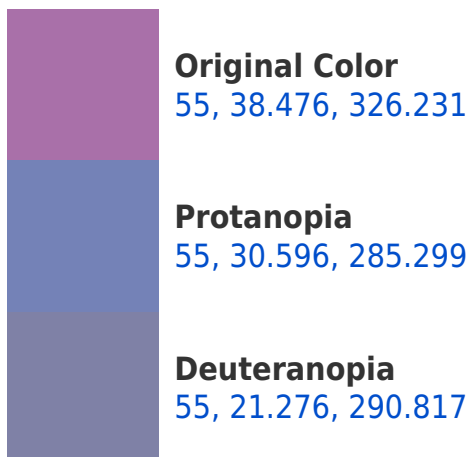



This preview shows how white text looks on a background with the CIELCh color 55, 38.476, 326.231.

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, 38.476, 326.231

Protanomaly
55, 32.056, 301.146

Deuteranomaly
55, 26.352, 308.015

Tritanomaly
55, 24.534, 343.524

Monochromacy



Original Color
55, 38.476, 326.231

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, 38.476, 326.231 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, 169)` looks like.

```
.text, #text, p{  
    color:rgb(169, 112, 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(169, 112, 169) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 55, 38.476, 326.231 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, 169) }
```

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

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

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, 169)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 55, 38.476, 326.231 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, 169) }
```

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

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