

Converting Colors

CIELCh(55, 38.235, 325.373)

Have a look what the booklet for
CIELCh(55, 38.235, 325.373)
contains.

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Color

CIELCh(55, 38.098, 325.208)

Conversions

Conversions Part 1

Format	Color
Hex	A871AA
RGB	168, 113, 170
RGB Percent	66%, 44%, 67%
CMY	0.3424, 0.5580, 0.3345
CMYK	0.01, 0.34, 0.00, 0.33
HSL	298°, 25%, 55%
HSV	298°, 34%, 67%
XYZ	29.1851, 22.9298, 40.7696
YIQ	135.9430, 14.4830, 29.3870

Conversions

Conversions Part 2

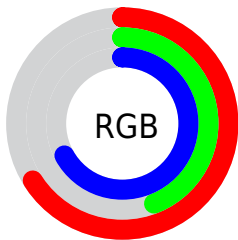
Format	Color
RYB	168, 113, 170
Decimal	11039146
CIELab	55.00, 31.29, -21.74
CIElCh	55, 38.098, 325.208
Yxy	22.9298, 0.3142, 0.2469
Android (android.graphics.Color)	4289229226 (0xFFA871AA)
YUV	135.9430, 16.7901, 28.1140
Hunter-Lab	47.8851, 24.9935, -16.9602

Details

The CIELCh color $55, 38.098, 325.208$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $65, 38.036, 141.256$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 37.698, 325.388$, and $35, 38.005, 325.097$ is the 20% darker color. If you saturate the color by 10%, you get $51, 48.972, 325.675$, and if you desaturate by 10%, it is $59, 26.815, 324.708$.

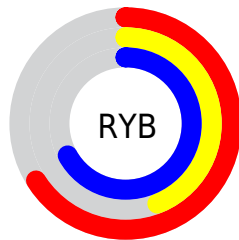
Distribution



Red (66%)

Green (44%)

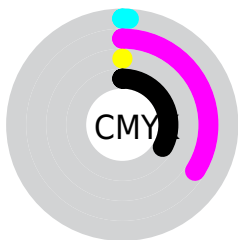
Blue (67%)



Red (66%)

Yellow (44%)

Blue (67%)

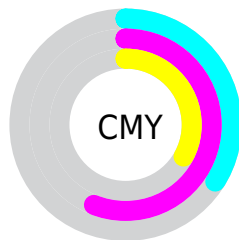


Cyan (1%)

Magenta (34%)

Yellow (0%)

Black (33%)



Cyan (34%)


Magenta (56%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 38.098, 325.208 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, 38.098, 325.208 by changing the saturation by 10% instead.

 55, 38.098,
325.208


 55, 38.098,
325.208


 100, 38.098,
325.208

 45, 38.098,
325.208


 75, 38.098,
325.208

 35, 38.098,
325.208

 85, 38.098,
325.208

 25, 38.098,
325.208

 95, 38.098,
325.208

 15, 38.098,
325.208

 5, 38.098, 325.208

 0, 38.098, 325.208

55, 38.098,
325.208

55, 38.098,
325.208

51, 48.972,
325.675

59, 26.815,
324.708

48, 59.092,
326.090

63, 15.398,
324.189

45, 68.036,
326.434

68, 4.034, 323.632

42, 75.368,
326.687

72, 7.151, 143.209

41, 80.730,
326.835

77, 18.078,
142.698


40, 83.964,
326.872

82, 28.704,
142.221

39, 85.323,
326.858

87, 39.009,
141.770

91, 48.990,
141.347

 93, 52.666,
141.090

Harmonies

Complementary

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



55, 38.098, 325.208



65, 38.036, 141.256

Rectangle

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



55, 38.098, 325.208



55, 38.098, 15.208



55, 38.098, 145.208



55, 38.098, 195.208

Sweetspot

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



55, 38.096, 325.208



83, 14.078, 324.008



50, 31.634, 292.421



43, 9.689, 324.081



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, 38.096, 325.208



67, 56.101, 325.546



54, 28.404, 344.000



33, 6.360, 323.960



34, 77.121, 326.873



2, 11.490, 323.117

Inverse Universe

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



53, 24.247, 19.643



65, 36.737, 20.724



65, 27.544, 158.019



33, 3.724, 17.058



30, 67.776, 37.947



1, 6.582, 16.887

Previews

White Background



This preview shows how the CIELCh color 55, 38.098, 325.208 looks on a white background.

Color Contrast Check

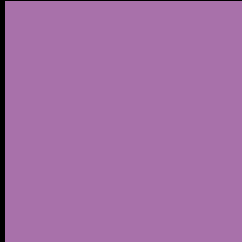
Large Text (above 18pt) WCAG AA ✓ Pass

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, 38.098, 325.208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

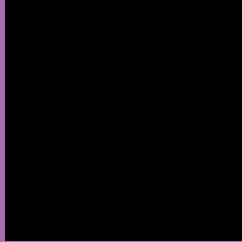
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 38.098, 325.208

Background



This preview shows how black text looks on a background with the CIELCh color 55, 38.098, 325.208.



This preview shows how white text looks on a background with the CIELCh color 55, 38.098, 325.208.

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, 17.451, 4.415

Trichromacy



Original Color
55, 38.098, 325.208

Protanomaly
55, 31.409, 300.607

Deuteranomaly
55, 26.901, 307.717

Tritanomaly
55, 23.286, 342.631

Monochromacy



Original Color
55, 38.098, 325.208

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, 38.098, 325.208 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(168, 113, 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(168, 113, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 113, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 38.098, 325.208 is called "border". The border property can be set on classes, ids or directly on the HTML element.

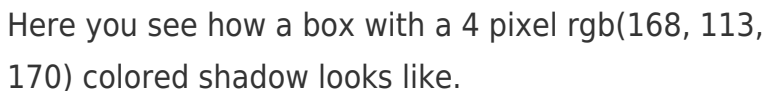
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(168, 113, 170) }
```

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

```
.border{ border-color:rgb(168, 113, 170) }
```

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, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 113, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 113, 170); box-shadow:4px 4px 4px 4px rgb(168, 113, 170) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 38.098, 325.208 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, 170) }
```

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

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