

Converting Colors

CIELCh(55, 39.459, 313.239)

Have a look what the booklet for
CIELCh(55, 39.459, 313.239)
contains.

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Color

CIELCh(55, 39.539, 313.065)

Conversions

Conversions Part 1

Format	Color
Hex	9A75B6
RGB	154, 117, 182
RGB Percent	60%, 46%, 71%
CMY	0.3965, 0.5416, 0.2867
CMYK	0.15, 0.36, 0.00, 0.29
HSL	274°, 31%, 59%
HSV	274°, 36%, 71%
XYZ	28.0860, 22.9298, 47.1399
YIQ	135.4730, 1.1870, 28.0590

Conversions

Conversions Part 2

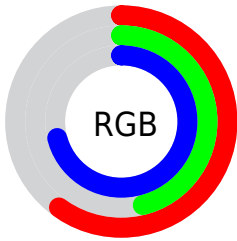
Format	Color
RYB	154, 117, 182
Decimal	10122678
CIELab	55.00, 27.00, -28.89
CIElCh	55, 39.539, 313.065
Yxy	22.9298, 0.2861, 0.2336
Android (android.graphics.Color)	4288312758 (0xFF9A75B6)
YUV	135.4730, 22.9378, 16.2482
Hunter-Lab	47.8851, 20.8963, -24.8477

Details

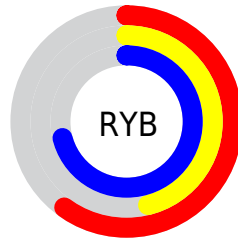
The CIELCh color **55, 39.539, 313.065** is a light color, and the websafe version is hex **996699**. A complement of this color would be **70, 37.917, 129.820**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 39.144, 312.886**, and **35, 39.674, 313.171** is the 20% darker color. If you saturate the color by 10%, you get **50, 50.864, 313.534**, and if you desaturate by 10%, it is **60, 28.215, 312.586**.

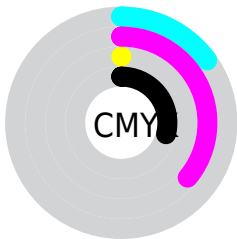
Distribution



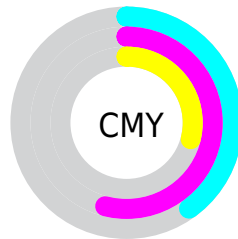
- Red (60%)
- Green (46%)
- Blue (71%)



- Red (60%)
- Yellow (46%)
- Blue (71%)



- Cyan (15%)
- Magenta (36%)
- Yellow (0%)
- Black (29%)





- Cyan (40%)
- Magenta (54%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 39.539, 313.065 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, 39.539, 313.065 by changing the saturation by 10% instead.


 55, 39.539,
313.065


 55, 39.539,
313.065


 100, 39.539,
313.065


 45, 39.539,
313.065


 75, 39.539,
313.065

 35, 39.539,
313.065

 85, 39.539,
313.065

 25, 39.539,
313.065

 95, 39.539,
313.065

 15, 39.539,
313.065

 5, 39.539, 313.065

 0, 39.539, 313.065

55, 39.539,
313.065

55, 39.539,
313.065

50, 50.864,
313.534

60, 28.215,
312.586

45, 61.938,
313.956

66, 17.052,
312.117

41, 72.360,
314.278

71, 6.136, 311.665

37, 81.564,
314.425

76, 4.492, 131.311

82, 14.811,
130.922

33, 88.871,
314.305

87, 24.820,
130.588

31, 93.700,
313.835

92, 34.524,
130.292

30, 95.383,
313.598

96, 39.673,
128.628

■ 96, 38.651,
124.732

Harmonies

Complementary

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



55, 39.539, 313.065



70, 37.917, 129.820

Rectangle

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



55, 39.539, 313.065



55, 39.539, 3.065



55, 39.539, 133.065



55, 39.539, 183.065

Sweetspot

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



55, 39.537, 313.065



86, 14.710, 311.911



59, 22.427, 268.192



45, 9.981, 311.972



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



55, 39.537, 313.065



66, 59.298, 313.442



58, 41.313, 328.283



36, 6.139, 311.828



25, 84.886, 313.733



2, 16.153, 307.303

Inverse Universe

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



57, 29.877, 351.254



69, 44.574, 352.379



68, 41.337, 143.644



36, 4.654, 348.325



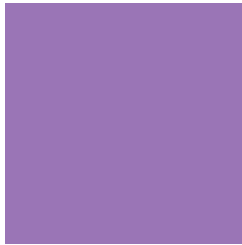
33, 58.378, 7.952



2, 11.782, 354.711

Previews

White Background



This preview shows how the CIELCh color 55, 39.539, 313.065 looks on a white background.

Color Contrast Check

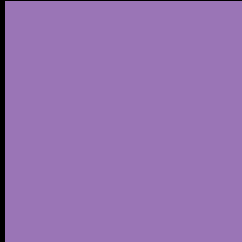
Large Text (above 18pt) WCAG AA ✓ Pass

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, 39.539, 313.065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

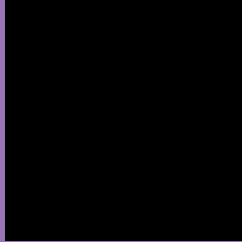
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 39.539, 313.065

Background



This preview shows how black text looks on a background with the CIELCh color 55, 39.539, 313.065.

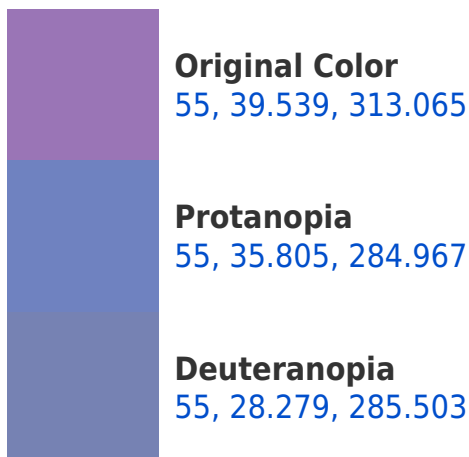


This preview shows how white text looks on a background with the CIELCh color 55, 39.539, 313.065.

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, 10.138, 346.137

Trichromacy



Original Color
55, 39.539, 313.065

Protanomaly
55, 36.273, 295.391

Deuteranomaly
55, 31.784, 297.481

Tritanomaly
55, 20.105, 322.635

Monochromacy



Original Color
55, 39.539, 313.065

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 14.827, 312.581

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 39.539, 313.065 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(154, 117, 182)` looks like.

```
.text, #text, p{  
    color:rgb(154, 117, 182)  
}
```

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(154, 117, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 117, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 39.539, 313.065 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(154, 117, 182) }
```

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

```
.border{ border-color:rgb(154, 117, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 117, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 117, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 117, 182);  
box-shadow:4px 4px 4px 4px rgb(154, 117,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 39.539, 313.065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 117, 182) }
```

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

```
.background{ background-color: rgb(154,  
117, 182) }
```

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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