

Converting Colors

CIELCh(55, 45.166, 311.032)

Have a look what the booklet for
CIELCh(55, 45.166, 311.032)
contains.

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Color

CIELCh(55, 44.872, 310.803)

Conversions

Conversions Part 1

Format	Color
Hex	9974BF
RGB	153, 116, 191
RGB Percent	60%, 45%, 75%
CMY	0.4010, 0.5461, 0.2520
CMYK	0.20, 0.39, 0.00, 0.25
HSL	270°, 37%, 60%
HSV	270°, 39%, 75%
XYZ	28.6780, 22.9298, 52.0493
YIQ	135.6130, -2.0230, 31.1690

Conversions

Conversions Part 2

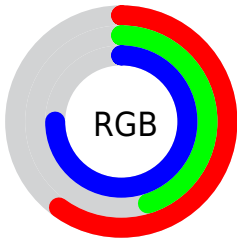
Format	Color
R_{YB}	153, 116, 191
Decimal	10056895
CIE _{Lab}	55.00, 29.32, -33.97
CIE _{LCh}	55, 44.872, 310.803
Yxy	22.9298, 0.2767, 0.2212
Android (android.graphics.Color)	4288246975 (0xFF9974BF)
YUV	135.6130, 27.3058, 15.2484
Hunter-Lab	47.8851, 23.1032, -30.9264

Details

The CIELCh color **55, 44.872, 310.803** is a light color, and the websafe version is hex **996699**. A complement of this color would be **73, 42.382, 126.997**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 44.695, 310.436**, and **35, 44.747, 310.699** is the 20% darker color. If you saturate the color by 10%, you get **50, 56.654, 311.346**, and if you desaturate by 10%, it is **61, 33.109, 310.256**.

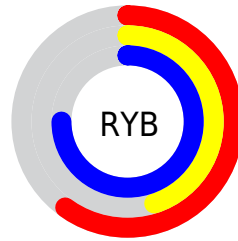
Distribution



Red (60%)

Green (45%)

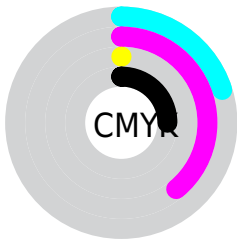
Blue (75%)



Red (60%)

Yellow (45%)

Blue (75%)

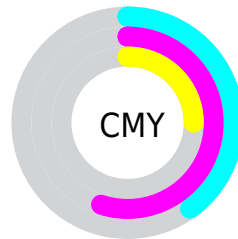


Cyan (20%)

Magenta (39%)

Yellow (0%)

Black (25%)



Cyan (40%)


Magenta (55%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 44.872, 310.803 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, 44.872, 310.803 by changing the saturation by 10% instead.


 55, 44.872,
310.803


 55, 44.872,
310.803


 100, 44.872,
310.803


 45, 44.872,
310.803


 75, 44.872,
310.803

 35, 44.872,
310.803

 85, 44.872,
310.803

 25, 44.872,
310.803

 95, 44.872,
310.803

 15, 44.872,
310.803

 5, 44.872, 310.803

 0, 44.872, 310.803

■ 55, 44.872,
310.803

■ 55, 44.872,
310.803

■ 50, 56.654,
311.346

■ 61, 33.109,
310.256

■ 44, 68.169,
311.841

■ 66, 21.536,
309.730

■ 40, 78.951,
312.222

■ 72, 10.240,
309.237

■ 36, 88.327,
312.396

■ 78, 0.738, 128.955

■ 32, 95.490,
312.247

■ 83, 11.381,
128.414

■ 30, 100.167,
311.751

■ 89, 21.693,
128.055

■ 30, 100.473,
311.720

■ 95, 31.680,
127.741

■ 97, 33.799,
123.764

■ 98, 32.918,
117.805

Harmonies

Complementary

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



55, 44.872, 310.803



73, 42.382, 126.997

Rectangle

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



55, 44.872, 310.803



55, 44.872, 0.803



55, 44.872, 130.803



55, 44.872, 180.803

Sweetspot

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



55, 44.871, 310.803



89, 16.367, 309.376



62, 23.288, 260.200



47, 10.965, 309.441



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



55, 44.871, 310.803



65, 66.647, 311.263



59, 49.025, 326.039



37, 6.179, 309.239



24, 87.312, 311.879



2, 18.057, 304.756

Inverse Universe

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



58, 35.591, 347.116



69, 52.196, 348.232



71, 49.053, 141.136



37, 5.003, 344.013



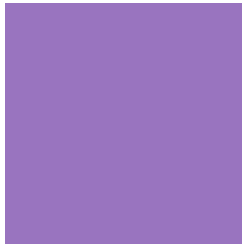
34, 59.421, 0.812



3, 14.002, 351.211

Previews

White Background



This preview shows how the CIELCh color 55, 44.872, 310.803 looks on a white background.

Color Contrast Check

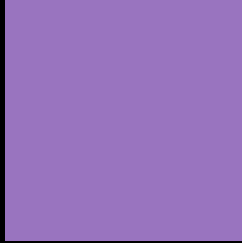
Large Text (above 18pt) WCAG AA ✓ Pass

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, 44.872, 310.803 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

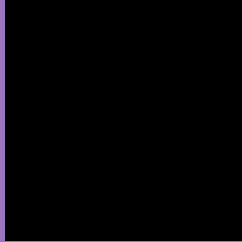
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 44.872, 310.803

Background



This preview shows how black text looks on a background with the CIELCh color 55, 44.872, 310.803.

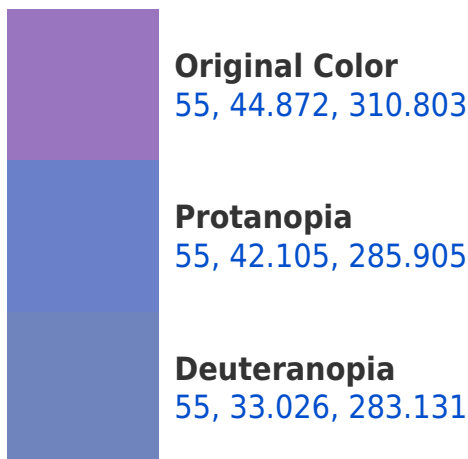



This preview shows how white text looks on a background with the CIELCh color 55, 44.872, 310.803.

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, 8.860, 340.037

Trichromacy



Original Color
55, 44.872, 310.803

Protanomaly
55, 42.547, 294.653

Deuteranomaly
55, 36.835, 294.939

Tritanomaly
55, 21.595, 316.817

Monochromacy



Original Color
55, 44.872, 310.803

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 16.321, 309.218

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 44.872, 310.803 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(153, 116, 191)` looks like.

```
.text, #text, p{  
    color:rgb(153, 116, 191)  
}
```

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(153, 116, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 116, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 44.872, 310.803 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(153, 116, 191) }
```

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

```
.border{ border-color:rgb(153, 116, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 116, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 116, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 116, 191);  
box-shadow:4px 4px 4px 4px rgb(153, 116,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 44.872, 310.803 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 116, 191) }
```

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

```
.background{ background-color: rgb(153,  
116, 191) }
```

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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