

Converting Colors

CIELCh(55, 29.766, 310.064)

Have a look what the booklet for
CIELCh(55, 29.766, 310.064)
contains.

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Color

CIELCh(55, 29.567, 310.094)

Conversions

Conversions Part 1

Format	Color
Hex	927AAB
RGB	146, 122, 171
RGB Percent	57%, 48%, 67%
CMY	0.4279, 0.5220, 0.3299
CMYK	0.15, 0.29, 0.00, 0.33
HSL	269°, 23%, 57%
HSV	269°, 29%, 67%
XYZ	26.1208, 22.9298, 41.5206
YIQ	134.7620, -1.4250, 20.3270

Conversions

Conversions Part 2

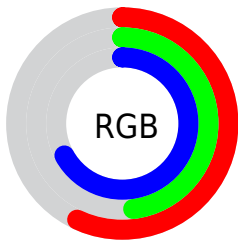
Format	Color
R _Y B	146, 122, 171
Decimal	9599659
CIE Lab	55.00, 19.04, -22.62
CIE LCh	55, 29.567, 310.094
Yxy	22.9298, 0.2884, 0.2532
Android (android.graphics.Color)	4287789739 (0xFF927AAB)
YUV	134.7620, 17.8653, 9.8557
Hunter-Lab	47.8851, 13.5709, -17.8900

Details

The CIELCh color `55, 29.567, 310.094` is a dark color, and the websafe version is hex `996699`. A complement of this color would be `67, 28.400, 127.393`, and the grayscale version is `56, 0.007, 296.813`.

A 20% lighter version of the original color is `75, 29.008, 309.808`, and `35, 29.891, 310.197` is the 20% darker color. If you saturate the color by 10%, you get `50, 40.308, 310.639`, and if you desaturate by 10%, it is `60, 19.006, 309.572`.

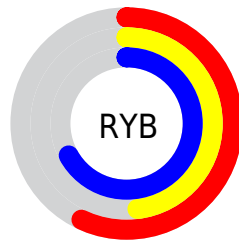
Distribution



Red (57%)

Green (48%)

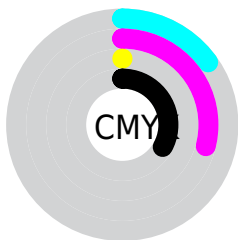
Blue (67%)



Red (57%)

Yellow (48%)

Blue (67%)

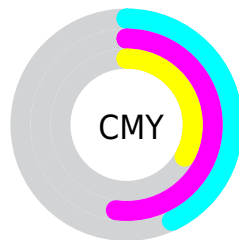


Cyan (15%)

Magenta (29%)

Yellow (0%)

Black (33%)



Cyan (43%)


Magenta (52%)


Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 29.567, 310.094 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, 29.567, 310.094 by changing the saturation by 10% instead.


 55, 29.567,
310.094


 55, 29.567,
310.094


 100, 29.567,
310.094


 45, 29.567,
310.094


 75, 29.567,
310.094

 35, 29.567,
310.094

 85, 29.567,
310.094

 25, 29.567,
310.094

 95, 29.567,
310.094

 15, 29.567,
310.094

 5, 29.567, 310.094

 0, 29.567, 310.094

55, 29.567,
310.094

55, 29.567,
310.094

50, 40.308,
310.639

60, 19.006,
309.572

45, 51.093,
311.184

65, 8.703, 309.083

40, 61.675,
311.688

71, 1.307, 128.733

36, 71.653,
312.090

76, 11.014,
128.270

32, 80.442,
312.300

81, 20.420,
127.915

29, 87.317,
312.206

86, 29.532,
127.604

26, 91.993,
311.781

91, 38.363,
127.333

26, 92.594,

96, 44.895,
126.351

311.732

 96, 43.847,
122.427

Harmonies

Complementary

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



55, 29.567, 310.094



67, 28.400, 127.393

Rectangle

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



55, 29.567, 310.094



55, 29.567, 0.094



55, 29.567, 130.094



55, 29.567, 180.094

Sweetspot

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



55, 29.565, 310.094



83, 11.181, 309.106



60, 15.689, 257.909



43, 7.848, 309.174



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, 29.565, 310.094



67, 43.650, 310.416



57, 32.939, 325.497



34, 5.757, 309.113



23, 84.218, 311.849



1, 11.811, 305.533

Inverse Universe

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



57, 23.779, 345.672



69, 34.913, 346.322



65, 32.910, 142.103



34, 4.675, 343.816



32, 57.364, 0.301



2, 9.191, 348.253

Previews

White Background



This preview shows how the CIELCh color 55, 29.567, 310.094 looks on a white background.

Color Contrast Check

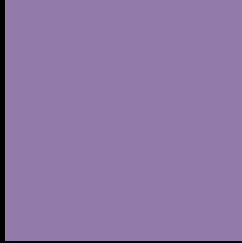
Large Text (above 18pt) WCAG AA ✓ Pass

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, 29.567, 310.094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

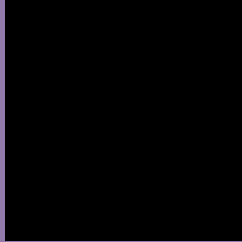
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 29.567, 310.094

Background



This preview shows how black text looks on a background with the CIELCh color 55, 29.567, 310.094.



This preview shows how white text looks on a background with the CIELCh color 55, 29.567, 310.094.

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



Original Color

55, 29.567, 310.094

Protanopia

55, 27.155, 284.983

Deuteranopia

55, 23.009, 289.469



Tritanopia
55, 7.718, 332.165

Trichromacy



Original Color
55, 29.567, 310.094

Protanomaly
55, 27.638, 294.123

Deuteranomaly
55, 25.516, 298.632

Tritanomaly
55, 15.306, 316.648

Monochromacy



Original Color
55, 29.567, 310.094

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 10.932, 309.595

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 29.567, 310.094 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(146, 122, 171)` looks like.

```
.text, #text, p{  
    color:rgb(146, 122, 171)  
}
```

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(146, 122, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 122, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 29.567, 310.094 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(146, 122, 171) }
```

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

```
.border{ border-color:rgb(146, 122, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 122, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 122, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 122, 171); box-shadow:4px 4px 4px 4px rgb(146, 122, 171) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 29.567, 310.094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 122, 171) }
```

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

```
.background{ background-color: rgb(146,  
122, 171) }
```

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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