

Converting Colors

CIELCh(55, 28.778, 315.126)

Have a look what the booklet for
CIELCh(55, 28.778, 315.126)
contains.

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Color

CIELCh(55, 28.681, 315.362)

Conversions

Conversions Part 1

Format	Color
Hex	9779A7
RGB	151, 121, 167
RGB Percent	59%, 47%, 65%
CMY	0.4091, 0.5267, 0.3463
CMYK	0.10, 0.28, 0.00, 0.35
HSL	279°, 21%, 56%
HSV	279°, 28%, 65%
XYZ	26.4514, 22.9298, 39.4381
YIQ	135.2140, 3.1140, 20.6660

Conversions

Conversions Part 2

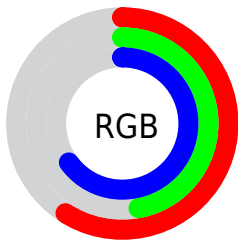
Format	Color
R_{YB}	151, 121, 167
Decimal	9927079
CIE _{Lab}	55.00, 20.41, -20.15
CIE _{LCh}	55, 28.681, 315.362
Yxy	22.9298, 0.2978, 0.2582
Android (android.graphics.Color)	4288117159 (0xFF9779A7)
YUV	135.2140, 15.6705, 13.8443
Hunter-Lab	47.8851, 14.8034, -15.3116

Details

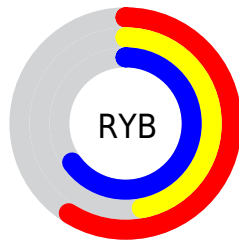
The CIELCh color $55, 28.681, 315.362$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $65, 27.991, 132.956$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 28.341, 315.587$, and $35, 28.716, 314.961$ is the 20% darker color. If you saturate the color by 10%, you get $50, 39.299, 315.797$, and if you desaturate by 10%, it is $60, 18.120, 314.922$.

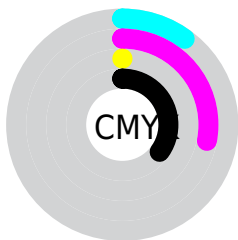
Distribution



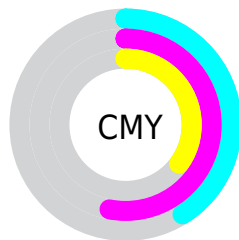
- Red (59%)
- Green (47%)
- Blue (65%)



- Red (59%)
- Yellow (47%)
- Blue (65%)



- Cyan (10%)
- Magenta (28%)
- Yellow (0%)
- Black (35%)





- Cyan (41%)
- Magenta (53%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 28.681, 315.362 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, 28.681, 315.362 by changing the saturation by 10% instead.


 55, 28.681,
315.362


 55, 28.681,
315.362


 100, 28.681,
315.362


 45, 28.681,
315.362


 75, 28.681,
315.362

 35, 28.681,
315.362

 85, 28.681,
315.362

 25, 28.681,
315.362

 95, 28.681,
315.362

 15, 28.681,
315.362

 5, 28.681, 315.362

 0, 28.681, 315.362

55, 28.681,
315.362

55, 28.681,
315.362

50, 39.299,
315.797

60, 18.120,
314.922

46, 49.794,
316.202

65, 7.732, 314.487

42, 59.881,
316.542

70, 2.419, 134.165

38, 69.150,
316.766

74, 12.302,
133.745

34, 77.078,
316.808

79, 21.903,
133.399

32, 83.103,
316.595

84, 31.222,
133.088


30, 86.998,
316.097

89, 40.264,
132.809

29, 87.859,

94, 49.041,
132.560

315.975

 95, 48.654,
130.541

Harmonies

Complementary

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



55, 28.681, 315.362



65, 27.991, 132.956

Rectangle

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



55, 28.681, 315.362



55, 28.681, 5.362



55, 28.681, 135.362



55, 28.681, 185.362

Sweetspot

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



55, 28.679, 315.362



82, 10.104, 314.512



57, 17.770, 273.900



43, 7.250, 314.576



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, 28.679, 315.362



67, 42.650, 315.625



56, 28.180, 330.488



33, 5.825, 314.562



26, 80.420, 316.076



1, 10.325, 311.629

Inverse Universe

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



56, 20.507, 355.580



68, 30.566, 356.379



64, 28.109, 146.884



33, 4.122, 353.522



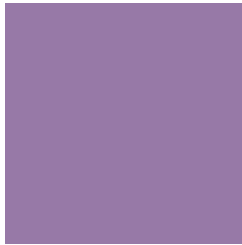
31, 57.064, 15.604



2, 7.203, 355.997

Previews

White Background



This preview shows how the CIELCh color 55, 28.681, 315.362 looks on a white background.

Color Contrast Check

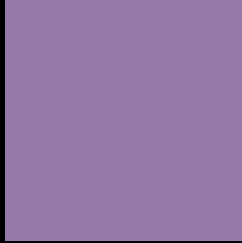
Large Text (above 18pt) WCAG AA ✓ Pass

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, 28.681, 315.362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

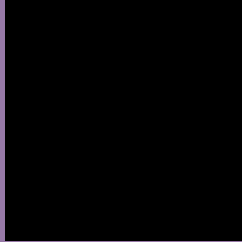
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 28.681, 315.362

Background



This preview shows how black text looks on a background with the CIELCh color 55, 28.681, 315.362.



This preview shows how white text looks on a background with the CIELCh color 55, 28.681, 315.362.

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, 28.681, 315.362

Protanopia

55, 25.394, 285.585

Deuteranopia

55, 20.701, 291.659



Tritanopia
55, 9.811, 344.753

Trichromacy



Original Color
55, 28.681, 315.362

Protanomaly
55, 25.397, 296.274

Deuteranomaly
55, 23.379, 301.612

Tritanomaly
55, 16.177, 326.443

Monochromacy



Original Color
55, 28.681, 315.362

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 10.671, 314.491

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 28.681, 315.362 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(151, 121, 167)` looks like.

```
.text, #text, p{  
    color:rgb(151, 121, 167)  
}
```

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(151, 121, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 121, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 28.681, 315.362 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(151, 121, 167) }
```

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

```
.border{ border-color:rgb(151, 121, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 121, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 121, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 121, 167); box-shadow:4px 4px 4px 4px rgb(151, 121, 167) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 28.681, 315.362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 121, 167) }
```

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

```
.background{ background-color: rgb(151,  
121, 167) }
```

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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