

Converting Colors

CIELCh(55, 28.390, 339.800)

Have a look what the booklet for
CIELCh(55, 28.390, 339.800)
contains.

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Color

CIELCh(55, 28.362, 339.783)

Conversions

Conversions Part 1

Format	Color
Hex	A97395
RGB	169, 115, 149
RGB Percent	66%, 45%, 58%
CMY	0.3365, 0.5483, 0.4150
CMYK	0.00, 0.32, 0.12, 0.34
HSL	322°, 24%, 56%
HSV	322°, 32%, 66%
XYZ	27.9890, 22.9298, 31.4567
YIQ	135.0220, 21.2700, 22.0220

Conversions

Conversions Part 2

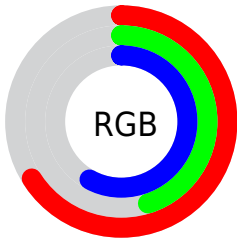
Format	Color
R_{YB}	169, 115, 149
Decimal	11105173
CIE _{Lab}	55.00, 26.61, -9.80
CIE _{LCh}	55, 28.362, 339.783
Yxy	22.9298, 0.3398, 0.2784
Android (android.graphics.Color)	4289295253 (0xFFA97395)
YUV	135.0220, 6.8912, 29.7987
Hunter-Lab	47.8851, 20.5349, -5.4292

Details

The CIELCh color **55, 28.362, 339.783** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **65, 27.850, 154.581**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 28.078, 339.989**, and **35, 28.158, 340.187** is the 20% darker color. If you saturate the color by 10%, you get **51, 37.037, 340.731**, and if you desaturate by 10%, it is **59, 19.447, 338.921**.

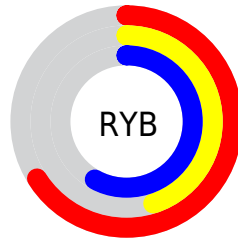
Distribution



Red (66%)

Green (45%)

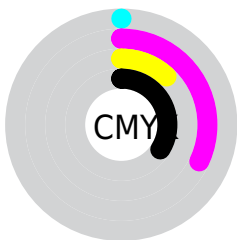
Blue (58%)



Red (66%)

Yellow (45%)

Blue (58%)

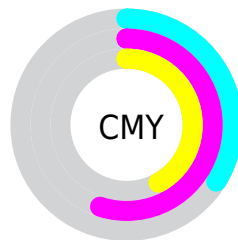


Cyan (0%)

Magenta (32%)

Yellow (12%)

Black (34%)



Cyan (34%)


Magenta (55%)

Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 28.362, 339.783 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, 28.362, 339.783 by changing the saturation by 10% instead.


 55, 28.362,
339.783


 55, 28.362,
339.783

 100, 28.362,
339.783

 45, 28.362,
339.783


 75, 28.362,
339.783

 35, 28.362,
339.783

 85, 28.362,
339.783

 25, 28.362,
339.783

 95, 28.362,
339.783

 15, 28.362,
339.783

 5, 28.362, 339.783

 0, 28.362, 339.783

55, 28.362,
339.783

55, 28.362,
339.783

51, 37.037,
340.731

59, 19.447,
338.921

47, 45.180,
341.788

64, 10.509,
338.118

44, 52.406,
342.998

68, 1.684, 337.228

41, 58.282,
344.417

73, 6.945, 156.783

39, 62.408,
346.130

78, 15.334,
156.123


38, 64.559,
348.237

83, 23.463,
155.521

37, 65.259,
350.202

87, 31.328,
154.961

92, 38.938,
154.437

 94, 39.211,
156.690

Harmonies

Complementary

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



55, 28.362, 339.783



65, 27.850, 154.581

Rectangle

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



55, 28.362, 339.783



55, 28.362, 29.783



55, 28.362, 159.783



55, 28.362, 209.783

Sweetspot

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



55, 28.360, 339.784



82, 10.869, 337.981



52, 32.257, 306.182



42, 7.413, 338.087



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, 28.360, 339.784



67, 41.574, 340.413



54, 22.810, 11.879



33, 4.955, 337.911



32, 59.244, 349.872



2, 8.481, 340.965

Inverse Universe

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



55, 28.360, 339.784



67, 41.574, 340.413



66, 19.447, 185.825



33, 4.955, 337.911



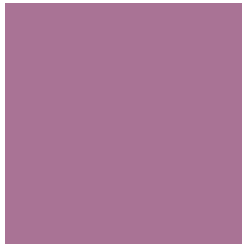
32, 59.244, 349.872



2, 8.481, 340.965

Previews

White Background



This preview shows how the CIELCh color 55, 28.362, 339.783 looks on a white background.

Color Contrast Check

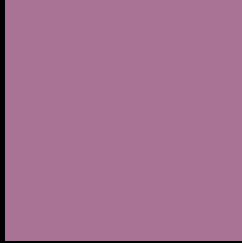
Large Text (above 18pt) WCAG AA ✓ Pass

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, 28.362, 339.783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

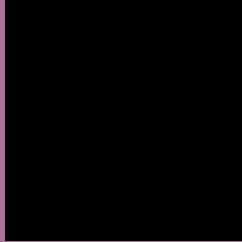
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 28.362, 339.783

Background



This preview shows how black text looks on a background with the CIELCh color 55, 28.362, 339.783.



This preview shows how white text looks on a background with the CIELCh color 55, 28.362, 339.783.

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, 28.362, 339.783

Protanopia
55, 16.707, 286.034

Deuteranopia
55, 11.627, 310.531



Tritanopia
55, 20.314, 7.288

Trichromacy



Original Color
55, 28.362, 339.783

Protanomaly
55, 19.017, 311.604

Deuteranomaly
55, 17.549, 326.421

Tritanomaly
55, 22.446, 355.047

Monochromacy



Original Color
55, 28.362, 339.783

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 10.178, 338.093

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 28.362, 339.783 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(169, 115, 149)` looks like.

```
.text, #text, p{  
    color:rgb(169, 115, 149)  
}
```

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(169, 115, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 115, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 28.362, 339.783 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(169, 115, 149) }
```

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

```
.border{ border-color:rgb(169, 115, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 115, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 115, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 115, 149);  
box-shadow:4px 4px 4px 4px rgb(169, 115,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 28.362, 339.783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 115, 149) }
```

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

```
.background{ background-color: rgb(169,  
115, 149) }
```

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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