

Converting Colors

CIELCh(55, 27.475, 349.922)

Have a look what the booklet for
CIELCh(55, 27.475, 349.922)
contains.

CIELCh(55, 27.758, 349.368)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(55, 27.758, 349.368)

Conversions

Conversions Part 1

Format	Color
Hex	AD728D
RGB	173, 114, 141
RGB Percent	68%, 45%, 55%
CMY	0.3206, 0.5520, 0.4461
CMYK	0.00, 0.34, 0.18, 0.32
HSL	333°, 27%, 56%
HSV	333°, 34%, 68%
XYZ	28.1577, 22.9298, 28.2332
YIQ	134.7190, 26.4970, 20.9050

Conversions

Conversions Part 2

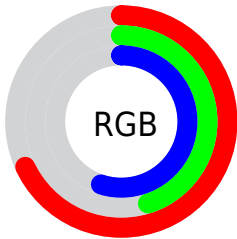
Format	Color
R _Y B	173, 114, 141
Decimal	11367053
CIE Lab	55.00, 27.28, -5.12
CIE LCh	55, 27.758, 349.368
Yxy	22.9298, 0.3550, 0.2891
Android (android.graphics.Color)	4289557133 (0xFFAD728D)
YUV	134.7190, 3.0965, 33.5724
Hunter-Lab	47.8851, 21.1636, -1.4379

Details

The CIELCh color $55, 27.758, 349.368$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $66, 26.382, 162.742$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 27.505, 348.962$, and $35, 27.493, 349.185$ is the 20% darker color. If you saturate the color by 10%, you get $51, 35.847, 350.697$, and if you desaturate by 10%, it is $59, 19.499, 348.222$.

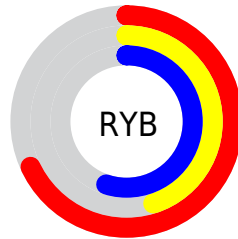
Distribution



Red (68%)

Green (45%)

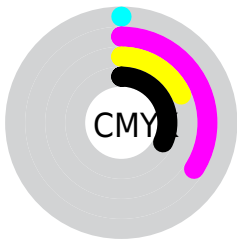
Blue (55%)



Red (68%)

Yellow (45%)

Blue (55%)

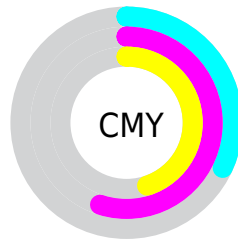


Cyan (0%)

Magenta (34%)

Yellow (18%)

Black (32%)



Cyan (32%)


Magenta (55%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 27.758, 349.368 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, 27.758, 349.368 by changing the saturation by 10% instead.


 55, 27.758,
349.368


 55, 27.758,
349.368


 100, 27.758,
349.368


 45, 27.758,
349.368


 75, 27.758,
349.368

 35, 27.758,
349.368

 85, 27.758,
349.368

 25, 27.758,
349.368

 95, 27.758,
349.368

 15, 27.758,
349.368

 5, 27.758, 349.368

 0, 27.758, 349.368

■ 55, 27.758,
349.368

■ 55, 27.758,
349.368

■ 51, 35.847,
350.697

■ 59, 19.499,
348.222

■ 47, 43.484,
352.271

■ 64, 11.277,
347.205

■ 44, 50.295,
354.184

■ 69, 3.217, 346.227

■ 41, 55.869,
356.561

■ 74, 4.611, 165.620

■ 39, 59.869,
359.561

■ 79, 12.171,
164.834

■ 37, 62.195, 3.346

■ 84, 19.453,
164.150

■ 37, 63.191, 5.835

■ 89, 26.463,
163.525

■ 93, 33.213,
162.949

■ 94, 31.475,
168.907

Harmonies

Complementary

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



55, 27.758, 349.368



66, 26.382, 162.742

Rectangle

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



55, 27.758, 349.368



55, 27.758, 39.368



55, 27.758, 169.368



55, 27.758, 219.368

Sweetspot

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



55, 27.756, 349.370



83, 9.848, 346.833



53, 35.974, 311.812



43, 6.722, 346.962



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, 27.756, 349.370



66, 41.213, 350.366



55, 24.466, 24.795



34, 4.515, 346.750



32, 56.971, 5.249



2, 8.927, 351.080

Inverse Universe

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



55, 27.756, 349.370



66, 41.213, 350.366



66, 19.297, 201.092



34, 4.515, 346.750



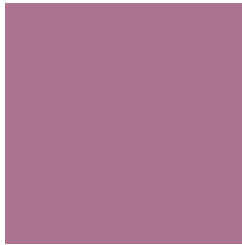
32, 56.971, 5.249



2, 8.927, 351.080

Previews

White Background



This preview shows how the CIELCh color 55, 27.758, 349.368 looks on a white background.

Color Contrast Check

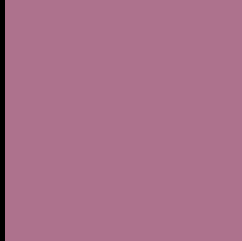
Large Text (above 18pt) WCAG AA ✓ Pass

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, 27.758, 349.368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

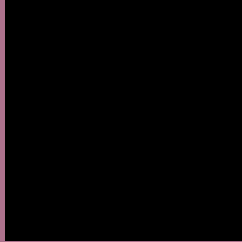
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 27.758, 349.368

Background



This preview shows how black text looks on a background with the CIELCh color 55, 27.758, 349.368.



This preview shows how white text looks on a background with the CIELCh color 55, 27.758, 349.368.

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, 27.758, 349.368

Protanopia

55, 12.093, 286.392

Deuteranopia

55, 8.402, 331.605



Tritanopia
55, 23.232, 9.574

Trichromacy



Original Color
55, 27.758, 349.368

Protanomaly
55, 15.159, 320.259

Deuteranomaly
55, 15.333, 341.769

Tritanomaly
55, 24.371, 0.594

Monochromacy



Original Color
55, 27.758, 349.368

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 10.456, 347.429

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 27.758, 349.368 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(173, 114, 141)` looks like.

```
.text, #text, p{  
    color:rgb(173, 114, 141)  
}
```

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(173, 114, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 114, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 27.758, 349.368 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(173, 114, 141) }
```

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

```
.border{ border-color:rgb(173, 114, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 114, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 114, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 114, 141);  
box-shadow:4px 4px 4px 4px rgb(173, 114,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 27.758, 349.368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 114, 141) }
```

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

```
.background{ background-color: rgb(173,  
114, 141) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor