

Converting Colors

CIELCh(55, 21.683, 342.784)

Have a look what the booklet for
CIELCh(55, 21.683, 342.784)
contains.

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Color

CIELCh(55, 21.707, 342.853)

Conversions

Conversions Part 1

Format	Color
Hex	A2778F
RGB	162, 119, 143
RGB Percent	64%, 47%, 56%
CMY	0.3639, 0.5326, 0.4385
CMYK	0.00, 0.27, 0.12, 0.36
HSL	327°, 19%, 55%
HSV	327°, 27%, 64%
XYZ	26.5327, 22.9298, 29.0907
YIQ	134.5930, 17.9240, 16.5800

Conversions

Conversions Part 2

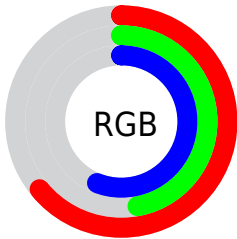
Format	Color
R_{YB}	162, 119, 143
Decimal	10647439
CIE _{Lab}	55.00, 20.74, -6.40
CIE _{LCh}	55, 21.707, 342.853
Yxy	22.9298, 0.3378, 0.2919
Android (android.graphics.Color)	4288837519 (0xFFA2778F)
YUV	134.5930, 4.1447, 24.0359
Hunter-Lab	47.8851, 15.1062, -2.4997

Details

The CIELCh color $55, 21.707, 342.853$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $63, 21.193, 158.385$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 21.419, 342.486$, and $35, 21.906, 342.810$ is the 20% darker color. If you saturate the color by 10%, you get $51, 29.905, 343.864$, and if you desaturate by 10%, it is $59, 13.436, 341.943$.

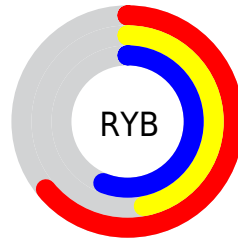
Distribution



Red (64%)

Green (47%)

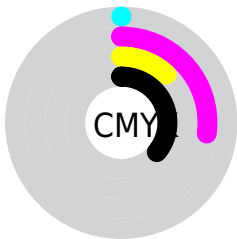
Blue (56%)



Red (64%)

Yellow (47%)

Blue (56%)

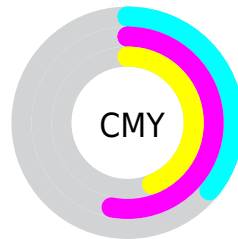


Cyan (0%)

Magenta (27%)

Yellow (12%)

Black (36%)



Cyan (36%)


Magenta (53%)


Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 21.707, 342.853 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, 21.707, 342.853 by changing the saturation by 10% instead.


 55, 21.707,
342.853


 55, 21.707,
342.853


 100, 21.707,
342.853


 45, 21.707,
342.853


 75, 21.707,
342.853

 35, 21.707,
342.853

 85, 21.707,
342.853

 25, 21.707,
342.853

 95, 21.707,
342.853

 15, 21.707,
342.853

 5, 21.707, 342.853

 0, 21.707, 342.853

55, 21.707,
342.853

55, 21.707,
342.853

51, 29.905,
343.864

59, 13.436,
341.943

47, 37.809,
345.005

64, 5.250, 341.086

68, 2.762, 160.517

44, 45.107,
346.326

73, 10.549,
159.735

41, 51.413,
347.894

78, 18.088,
159.080

38, 56.320,
349.805

82, 25.373,
158.477

36, 59.512,
352.182


87, 32.411,
157.917

35, 60.982,
355.133

92, 39.214,
157.395

35, 61.381,

356.215

 93, 40.091,
159.594

Harmonies

Complementary

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



55, 21.707, 342.853



63, 21.193, 158.385

Rectangle

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



55, 21.707, 342.853



55, 21.707, 32.853



55, 21.707, 162.853



55, 21.707, 212.853

Sweetspot

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



55, 21.705, 342.854



80, 8.019, 341.227



53, 25.906, 308.073



42, 5.753, 341.351



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



55, 21.705, 342.854



67, 32.566, 343.455



54, 17.985, 16.290



32, 4.594, 341.323



31, 56.719, 355.855



1, 6.825, 343.351

Inverse Universe

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



55, 21.705, 342.854



67, 32.566, 343.455



64, 15.437, 192.080



32, 4.594, 341.323



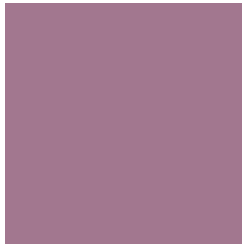
31, 56.719, 355.855



1, 6.825, 343.351

Previews

White Background



This preview shows how the CIELCh color 55, 21.707, 342.853 looks on a white background.

Color Contrast Check

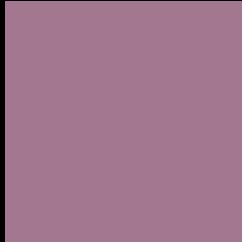
Large Text (above 18pt) WCAG AA ✓ Pass

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, 21.707, 342.853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

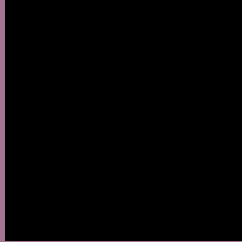
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 21.707, 342.853

Background



This preview shows how black text looks on a background with the CIELCh color 55, 21.707, 342.853.



This preview shows how white text looks on a background with the CIELCh color 55, 21.707, 342.853.

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, 21.707, 342.853

Protanopia

55, 11.500, 287.871

Deuteranopia

55, 9.340, 320.916



Tritanopia
55, 17.189, 2.105

Trichromacy



Original Color
55, 21.707, 342.853

Protanomaly
55, 13.265, 315.238

Deuteranomaly
55, 13.300, 333.738

Tritanomaly
55, 18.513, 354.111

Monochromacy



Original Color
55, 21.707, 342.853

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 8.175, 341.241

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 21.707, 342.853 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(162, 119, 143)` looks like.

```
.text, #text, p{  
    color:rgb(162, 119, 143)  
}
```

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(162, 119, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 119, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 21.707, 342.853 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(162, 119, 143) }
```

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

```
.border{ border-color:rgb(162, 119, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 119, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 119, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 119, 143);  
box-shadow:4px 4px 4px 4px rgb(162, 119,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 21.707, 342.853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 119, 143) }
```

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

```
.background{ background-color: rgb(162,  
119, 143) }
```

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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