

Converting Colors

CIELCh(55, 20.727, 349.316)

Have a look what the booklet for
CIELCh(55, 20.727, 349.316)
contains.

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Color

CIELCh(55, 20.821, 348.707)

Conversions

Conversions Part 1

Format	Color
Hex	A3778B
RGB	163, 119, 139
RGB Percent	64%, 47%, 55%
CMY	0.3598, 0.5324, 0.4540
CMYK	0.00, 0.27, 0.15, 0.36
HSL	333°, 19%, 55%
HSV	333°, 27%, 64%
XYZ	26.4538, 22.9298, 27.5455
YIQ	134.4360, 19.8040, 15.5480

Conversions

Conversions Part 2

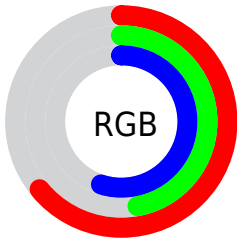
Format	Color
R_{YB}	163, 119, 139
Decimal	10712971
CIE _{Lab}	55.00, 20.42, -4.08
CIE _{LCh}	55, 20.821, 348.707
Yxy	22.9298, 0.3439, 0.2981
Android (android.graphics.Color)	4288903051 (0xFFA3778B)
YUV	134.4360, 2.2501, 25.0506
Hunter-Lab	47.8851, 14.8121, -0.5864

Details

The CIELCh color **55, 20.821, 348.707** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **64, 19.985, 163.711**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 20.289, 349.303**, and **35, 20.979, 349.183** is the 20% darker color. If you saturate the color by 10%, you get **51, 28.654, 349.901**, and if you desaturate by 10%, it is **59, 12.975, 347.661**.

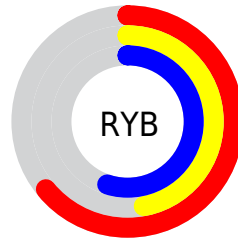
Distribution



Red (64%)

Green (47%)

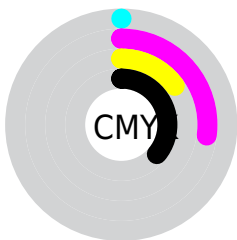
Blue (55%)



Red (64%)

Yellow (47%)

Blue (55%)

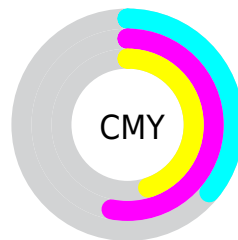


Cyan (0%)

Magenta (27%)

Yellow (15%)

Black (36%)



Cyan (36%)


Magenta (53%)


Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 20.821, 348.707 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, 20.821, 348.707 by changing the saturation by 10% instead.


 55, 20.821,
348.707


 55, 20.821,
348.707


 100, 20.821,
348.707


 45, 20.821,
348.707


 75, 20.821,
348.707

 35, 20.821,
348.707

 85, 20.821,
348.707

 25, 20.821,
348.707

 95, 20.821,
348.707

 15, 20.821,
348.707

 5, 20.821, 348.707

 0, 20.821, 348.707

■ 55, 20.821,
348.707

■ 55, 20.821,
348.707

■ 51, 28.654,
349.901

■ 59, 12.975,
347.661

■ 47, 36.269,
351.288

■ 64, 5.258, 346.699

■ 68, 2.252, 166.101

■ 43, 43.369,
352.944

■ 73, 9.514, 165.225

■ 40, 49.587,
354.968

■ 78, 16.514,
164.521

■ 38, 54.544,
357.495


■ 83, 23.252,
163.882

■ 36, 57.962, 0.687

■ 87, 29.740,
163.294

■ 35, 59.919, 4.646

■ 92, 35.991,
162.750

 94, 35.967,
166.465

Harmonies

Complementary

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



55, 20.821, 348.707



64, 19.985, 163.711

Rectangle

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



55, 20.821, 348.707



55, 20.821, 38.707



55, 20.821, 168.707



55, 20.821, 218.707

Sweetspot

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



55, 20.819, 348.709



80, 7.477, 346.813



54, 26.923, 311.449



42, 5.367, 346.952



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, 20.819, 348.709



67, 30.621, 349.359



55, 17.947, 24.036



32, 4.285, 346.920



31, 55.549, 5.386



1, 6.406, 348.699

Inverse Universe

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



55, 20.819, 348.709



67, 30.621, 349.359



64, 14.966, 201.293



32, 4.285, 346.920



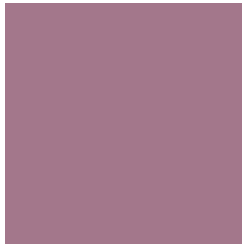
31, 55.549, 5.386



1, 6.406, 348.699

Previews

White Background



This preview shows how the CIELCh color 55, 20.821, 348.707 looks on a white background.

Color Contrast Check

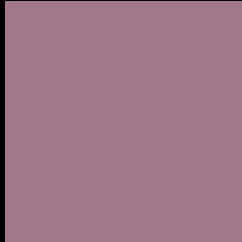
Large Text (above 18pt) WCAG AA ✓ Pass

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, 20.821, 348.707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

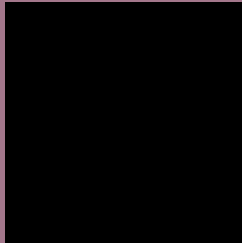
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 20.821, 348.707

Background



This preview shows how black text looks on a background with the CIELCh color 55, 20.821, 348.707.



This preview shows how white text looks on a background with the CIELCh color 55, 20.821, 348.707.

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, 20.821, 348.707

Protanopia
55, 8.622, 288.718

Deuteranopia
55, 7.985, 334.327



Tritanopia
55, 17.451, 4.415

Trichromacy



Original Color
55, 20.821, 348.707

Protanomaly
55, 11.412, 321.745

Deuteranomaly
55, 12.402, 343.940

Tritanomaly
55, 18.472, 357.994

Monochromacy



Original Color
55, 20.821, 348.707

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 7.835, 344.512

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 20.821, 348.707 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(163, 119, 139)` looks like.

```
.text, #text, p{  
    color:rgb(163, 119, 139)  
}
```

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(163, 119, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 119, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 20.821, 348.707 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(163, 119, 139) }
```

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

```
.border{ border-color:rgb(163, 119, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 119, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(163, 119, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(163, 119, 139); box-shadow:4px 4px 4px 4px rgb(163, 119, 139) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 20.821, 348.707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 119, 139) }
```

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

```
.background{ background-color: rgb(163,  
119, 139) }
```

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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