

Converting Colors

CIELCh(55, 26.444, 351.746)

Have a look what the booklet for
CIELCh(55, 26.444, 351.746)
contains.

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Color

CIELCh(55, 26.319, 351.515)

Conversions

Conversions Part 1

Format	Color
Hex	AC738B
RGB	172, 115, 139
RGB Percent	67%, 45%, 55%
CMY	0.3251, 0.5487, 0.4545
CMYK	0.00, 0.33, 0.19, 0.33
HSL	335°, 26%, 56%
HSV	335°, 33%, 67%
XYZ	27.8419, 22.9298, 27.4190
YIQ	134.7790, 26.2680, 19.5480

Conversions

Conversions Part 2

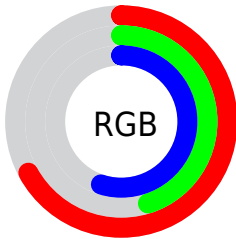
Format	Color
R_{YB}	172, 115, 139
Decimal	11301771
CIE _{Lab}	55.00, 26.03, -3.88
CIE _{LCh}	55, 26.319, 351.515
Yxy	22.9298, 0.3561, 0.2933
Android (android.graphics.Color)	4289491851 (0xFFAC738B)
YUV	134.7790, 2.0810, 32.6428
Hunter-Lab	47.8851, 19.9866, -0.4298

Details

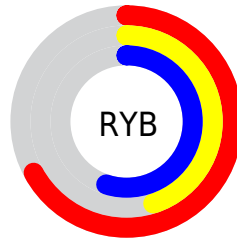
The CIELCh color $55, 26.319, 351.515$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $66, 24.816, 164.935$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 25.878, 352.072$, and $35, 26.008, 351.447$ is the 20% darker color. If you saturate the color by 10%, you get $51, 34.297, 352.898$, and if you desaturate by 10%, it is $59, 18.230, 350.330$.

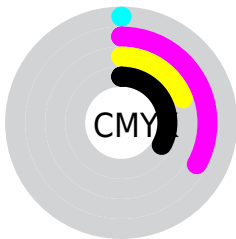
Distribution



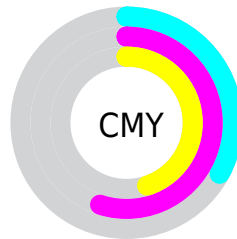
- Red (67%)
- Green (45%)
- Blue (55%)



- Red (67%)
- Yellow (45%)
- Blue (55%)



- Cyan (0%)
- Magenta (33%)
- Yellow (19%)
- Black (33%)





- Cyan (33%)
- Magenta (55%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 26.319, 351.515 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, 26.319, 351.515 by changing the saturation by 10% instead.


 55, 26.319,
351.515


 55, 26.319,
351.515


 100, 26.319,
351.515


 45, 26.319,
351.515


 75, 26.319,
351.515

 35, 26.319,
351.515

 85, 26.319,
351.515

 25, 26.319,
351.515

 95, 26.319,
351.515

 15, 26.319,
351.515

 5, 26.319, 351.515

 0, 26.319, 351.515

55, 26.319,
351.515

55, 26.319,
351.515

51, 34.297,
352.898

59, 18.230,
350.330

47, 41.901,
354.546

64, 10.220,
349.283

44, 48.777,
356.559

69, 2.399, 348.246

41, 54.532,
359.071

74, 5.172, 167.664

39, 58.830, 2.247

79, 12.467,
166.877


37, 61.564, 6.251

84, 19.479,
166.188

36, 62.956, 9.339

89, 26.218,
165.560

93, 32.697,
164.983

 94, 30.942,
171.547

Harmonies

Complementary

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



55, 26.319, 351.515



66, 24.816, 164.935

Rectangle

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



55, 26.319, 351.515



55, 26.319, 41.515



55, 26.319, 171.515



55, 26.319, 221.515

Sweetspot

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



55, 26.317, 351.517



83, 9.624, 348.992



53, 34.947, 312.851



43, 6.570, 349.126



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, 26.317, 351.517



67, 39.496, 352.545



55, 22.899, 27.285



34, 4.412, 348.907



32, 56.997, 8.738



2, 8.767, 353.021

Inverse Universe

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



55, 26.317, 351.517



67, 39.496, 352.545



66, 18.137, 204.660



34, 4.412, 348.907



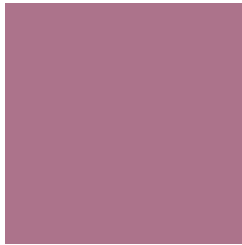
32, 56.997, 8.738



2, 8.767, 353.021

Previews

White Background



This preview shows how the CIELCh color 55, 26.319, 351.515 looks on a white background.

Color Contrast Check

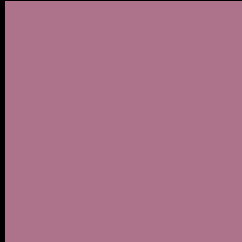
Large Text (above 18pt) WCAG AA ✓ Pass

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, 26.319, 351.515 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

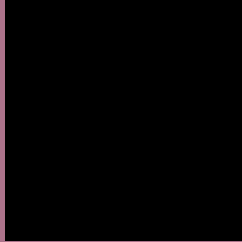
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 26.319, 351.515

Background



This preview shows how black text looks on a background with the CIELCh color 55, 26.319, 351.515.



This preview shows how white text looks on a background with the CIELCh color 55, 26.319, 351.515.

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, 26.319, 351.515

Protanopia

55, 10.356, 287.303

Deuteranopia

55, 7.882, 339.367



Tritanopia
55, 22.822, 9.283

Trichromacy



Original Color
55, 26.319, 351.515

Protanomaly
55, 13.906, 325.161

Deuteranomaly
55, 15.002, 346.268

Tritanomaly
55, 23.846, 1.469

Monochromacy



Original Color
55, 26.319, 351.515

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 9.192, 350.598

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 26.319, 351.515 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(172, 115, 139)` looks like.

```
.text, #text, p{  
    color:rgb(172, 115, 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(172, 115, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 115, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 26.319, 351.515 is called "border". The border property can be set on classes, ids or directly on the HTML element.

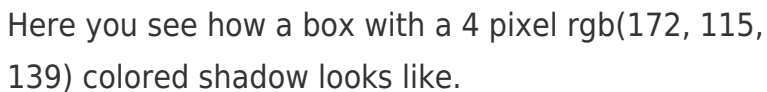
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(172, 115, 139) }
```

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

```
.border{ border-color:rgb(172, 115, 139) }
```

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



Here you see how a box with a 4 pixel `rgb(172, 115, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 115, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 115, 139); box-shadow:4px 4px 4px 4px rgb(172, 115, 139) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 26.319, 351.515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 115, 139) }
```

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

```
.background{ background-color: rgb(172,  
115, 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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