

Converting Colors

CIELCh(55, 25.454, 359.993)

Have a look what the booklet for
CIELCh(55, 25.454, 359.993)
contains.

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Color

CIELCh(55, 25.688, 0.622)

Conversions

Conversions Part 1

Format	Color
Hex	AE7384
RGB	174, 115, 132
RGB Percent	68%, 45%, 52%
CMY	0.3176, 0.5490, 0.4823
CMYK	0.00, 0.34, 0.24, 0.32
HSL	343°, 27%, 57%
HSV	343°, 34%, 68%
XYZ	27.7554, 22.9298, 24.7965
YIQ	134.5790, 29.7070, 17.7950

Conversions

Conversions Part 2

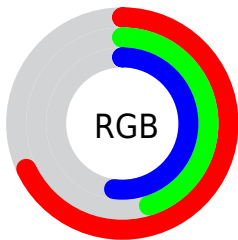
Format	Color
R_{YB}	174, 115, 132
Decimal	11432836
CIE _{Lab}	55.00, 25.69, 0.28
CIE _{LCh}	55, 25.688, 0.622
Yxy	22.9298, 0.3677, 0.3038
Android (android.graphics.Color)	4289622916 (0xFFAE7384)
YUV	134.5790, -1.2714, 34.5722
Hunter-Lab	47.8851, 19.6640, 2.8173

Details

The CIELCh color **55, 25.688, 0.622** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **67, 23.146, 173.452**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **75, 25.624, 1.072**, and **35, 25.571, 0.260** is the 20% darker color. If you saturate the color by 10%, you get **51, 33.559, 2.258**, and if you desaturate by 10%, it is **60, 17.843, 359.262**.

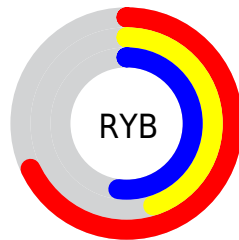
Distribution



Red (68%)

Green (45%)

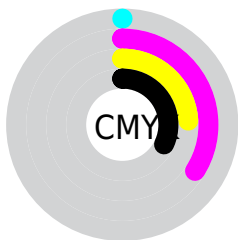
Blue (52%)



Red (68%)

Yellow (45%)

Blue (52%)

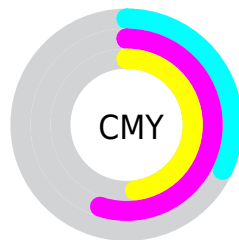


Cyan (0%)

Magenta (34%)

Yellow (24%)

Black (32%)



Cyan (32%)

Magenta (55%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 25.688, 0.622 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, 25.688, 0.622 by changing the saturation by 10% instead.

 55, 25.688, 0.622  55, 25.688, 0.622

 100, 25.688, 0.622  45, 25.688, 0.622

 75, 25.688, 0.622  35, 25.688, 0.622



 85, 25.688, 0.622  25, 25.688, 0.622

 95, 25.688, 0.622  15, 25.688, 0.622

 5, 25.688, 0.622

 0, 25.688, 0.622

 55, 25.688, 0.622  55, 25.688, 0.622

 51, 33.559, 2.258  60, 17.843,
359.262

 47, 41.225, 4.260

43, 48.372, 6.761

64, 10.185,
358.095

40, 54.659, 9.919

69, 2.802, 356.991

38, 59.828, 13.893

74, 4.265, 176.378

37, 63.858, 18.763

79, 11.007,
175.544

36, 66.125, 21.903

84, 17.431,
174.837

89, 23.555,
174.204

94, 29.403,
173.631

95, 27.069,
185.029

Harmonies

Complementary

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



55, 25.688, 0.622



67, 23.146, 173.452

Rectangle

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



55, 25.688, 0.622



55, 25.688, 50.622



55, 25.688, 180.622



55, 25.688, 230.622

Sweetspot

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



55, 25.686, 0.625



84, 9.023, 357.693



54, 36.992, 317.166



44, 6.223, 357.840



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



55, 25.686, 0.625



66, 38.844, 1.875



57, 21.496, 39.275



34, 4.096, 357.600



31, 59.171, 21.168



2, 8.279, 0.618

Inverse Universe

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



55, 25.686, 0.625



66, 38.844, 1.875



64, 16.992, 221.137



34, 4.096, 357.600



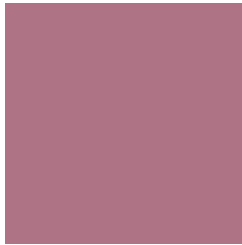
31, 59.171, 21.168



2, 8.279, 0.618

Previews

White Background



This preview shows how the CIELCh color 55, 25.688, 0.622 looks on a white background.

Color Contrast Check

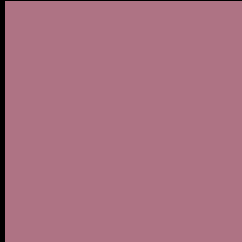
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIELCh color 55, 25.688, 0.622 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

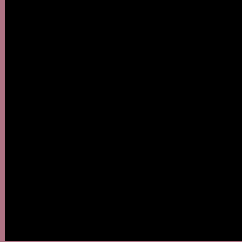
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 25.688, 0.622

Background



This preview shows how black text looks on a background with the CIELCh color 55, 25.688, 0.622.



This preview shows how white text looks on a background with the CIELCh color 55, 25.688, 0.622.

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, 25.688, 0.622

Protanopia

55, 6.341, 294.402

Deuteranopia

55, 7.356, 11.238



Tritanopia
55, 24.089, 10.159

Trichromacy



Original Color
55, 25.688, 0.622

Protanomaly
55, 11.475, 340.168

Deuteranomaly
55, 14.120, 2.193

Tritanomaly
55, 24.290, 6.175

Monochromacy



Original Color
55, 25.688, 0.622

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 9.087, 358.264

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 25.688, 0.622 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(174, 115, 132)` looks like.

```
.text, #text, p{  
    color:rgb(174, 115, 132)  
}
```

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(174, 115, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 115, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 25.688, 0.622 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(174, 115, 132) }
```

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

```
.border{ border-color:rgb(174, 115, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 115, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 115, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 115, 132);  
box-shadow:4px 4px 4px 4px rgb(174, 115,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 25.688, 0.622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 115, 132) }
```

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

```
.background{ background-color: rgb(174,  
115, 132) }
```

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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