

Converting Colors

CIELCh(55, 5.067, 17.418)

Have a look what the booklet for
CIELCh(55, 5.067, 17.418) contains.

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Color

CIELCh(55, 4.830, 19.836)

Conversions

Conversions Part 1

Format	Color
Hex	8D8181
RGB	141, 129, 129
RGB Percent	55%, 51%, 51%
CMY	0.4472, 0.4943, 0.4943
CMYK	0.00, 0.09, 0.09, 0.45
HSL	0°, 5%, 53%
HSV	0°, 9%, 55%
XYZ	22.7793, 22.9298, 23.9773
YIQ	132.5880, 7.1520, 2.5440

Conversions

Conversions Part 2

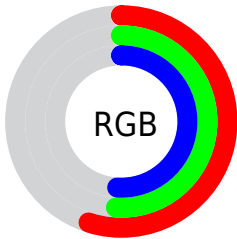
Format	Color
R_{YB}	141, 129, 129
Decimal	9273729
CIE _{Lab}	55.00, 4.54, 1.64
CIE _{LCh}	55, 4.830, 19.836
Yxy	22.9298, 0.3269, 0.3290
Android (android.graphics.Color)	4287463809 (0xFF8D8181)
YUV	132.5880, -1.7689, 7.3773
Hunter-Lab	47.8851, 1.1147, 3.8316

Details

The CIELCh color $55, 4.830, 19.836$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $58, 4.585, 199.065$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 4.897, 19.704$, and $35, 4.841, 20.068$ is the 20% darker color. If you saturate the color by 10%, you get $51, 10.910, 20.658$, and if you desaturate by 10%, it is $59, 0.811, 199.875$.

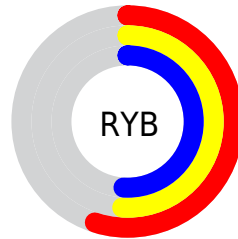
Distribution



Red (55%)

Green (51%)

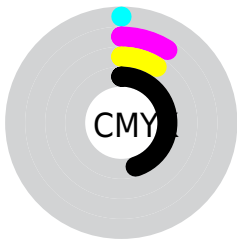
Blue (51%)



Red (55%)

Yellow (51%)

Blue (51%)

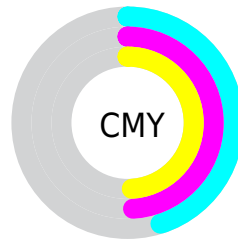


Cyan (0%)

Magenta (9%)

Yellow (9%)

Black (45%)



Cyan (45%)

Magenta (49%)

Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 4.830, 19.836 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, 4.830, 19.836 by changing the saturation by 10% instead.

 55, 4.830, 19.836  55, 4.830, 19.836

 100, 4.830, 19.836  45, 4.830, 19.836

 75, 4.830, 19.836  35, 4.830, 19.836

 85, 4.830, 19.836  25, 4.830, 19.836

 95, 4.830, 19.836  15, 4.830, 19.836

 5, 4.830, 19.836

 0, 4.830, 19.836

 55, 4.830, 19.836  55, 4.830, 19.836

 51, 10.910, 20.658  59, 0.811, 199.875

 47, 17.443, 21.646  64, 6.037, 198.952

43, 24.404, 22.915

68, 10.888,
198.547

39, 31.720, 24.559

72, 15.403,
198.233

36, 39.255, 26.680

33, 46.804, 29.360

77, 19.623,
197.981

31, 54.084, 32.584

81, 23.583,
197.775

30, 60.641, 36.054

29, 65.668, 38.750

85, 27.315,
197.605

90, 30.848,
197.462

94, 34.026,
197.327

Harmonies

Complementary

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



55, 4.830, 19.836



58, 4.585, 199.065

Rectangle

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



55, 4.830, 19.836



55, 4.830, 69.836



55, 4.830, 199.836



55, 4.830, 249.836

Sweetspot

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



55, 4.829, 19.853



73, 2.068, 19.351



55, 8.364, 324.870



38, 1.567, 19.445



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



55, 4.829, 19.853



69, 7.084, 19.984



57, 4.169, 74.350



28, 3.245, 19.905



27, 64.128, 38.802



0, 2.121, 19.422

Inverse Universe

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



58, 4.585, 199.065



73, 6.655, 198.963



56, 4.093, 256.549



30, 3.068, 199.024



51, 31.258, 196.418



2, 2.121, 199.439

Previews

White Background



This preview shows how the CIELCh color 55, 4.830, 19.836 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, 4.830, 19.836 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

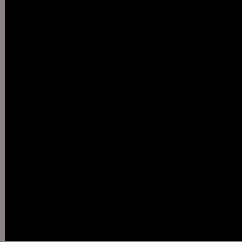
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 4.830, 19.836

Background



This preview shows how black text looks on a background with the CIELCh color 55, 4.830, 19.836.



This preview shows how white text looks on a background with the CIELCh color 55, 4.830, 19.836.

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, 4.830, 19.836

Protanopia

55, 1.316, 44.993

Deuteranopia

55, 7.367, 11.245



Tritanopia
55, 7.985, 334.327

Trichromacy



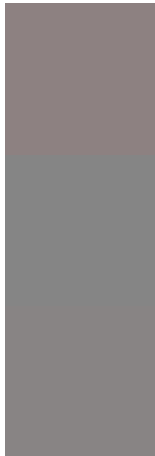
Original Color
55, 4.830, 19.836

Protanomaly
55, 2.796, 19.556

Deuteranomaly
55, 6.488, 15.001

Tritanomaly
55, 6.873, 344.405

Monochromacy



Original Color
55, 4.830, 19.836

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 1.587, 19.315

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 4.830, 19.836 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(141, 129, 129)` looks like.

```
.text, #text, p{  
    color:rgb(141, 129, 129)  
}
```

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(141, 129, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 129, 129) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 4.830, 19.836 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(141, 129, 129) }
```

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

```
.border{ border-color:rgb(141, 129, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 129, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 129, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 129, 129); box-shadow:4px 4px 4px 4px rgb(141, 129, 129) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 4.830, 19.836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 129, 129) }
```

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

```
.background{ background-color: rgb(141,  
129, 129) }
```

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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