

Converting Colors

CIELCh(55, 5.334, 70.920)

Have a look what the booklet for
CIELCh(55, 5.334, 70.920) contains.

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Color

CIELCh(55, 5.428, 67.066)

Conversions

Conversions Part 1

Format	Color
Hex	8B827B
RGB	139, 130, 123
RGB Percent	55%, 51%, 48%
CMY	0.4544, 0.4897, 0.5172
CMYK	0.00, 0.06, 0.12, 0.45
HSL	26°, 6%, 51%
HSV	26°, 12%, 55%
XYZ	22.2491, 22.9298, 22.0313
YIQ	131.8930, 7.6110, -0.2690

Conversions

Conversions Part 2

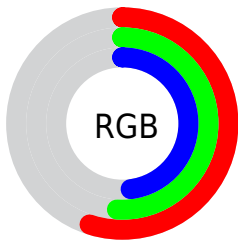
Format	Color
R_{YB}	139, 135, 123
Decimal	9142907
CIE Lab	55.00, 2.12, 5.00
CIE LCh	55, 5.428, 67.066
Yxy	22.9298, 0.3310, 0.3412
Android (android.graphics.Color)	4287332987 (0xFF8B827B)
YUV	131.8930, -4.3842, 6.2328
Hunter-Lab	47.8851, -0.8614, 6.2411

Details

The CIELCh color $55, 5.428, 67.066$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $55, 5.225, 249.803$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 5.735, 68.060$, and $35, 5.649, 69.866$ is the 20% darker color. If you saturate the color by 10%, you get $53, 10.434, 66.034$, and if you desaturate by 10%, it is $58, 0.686, 67.758$.

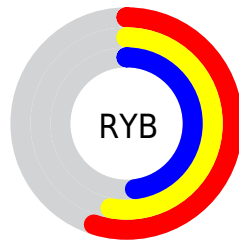
Distribution



Red (55%)

Green (51%)

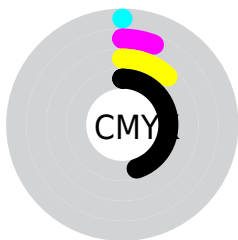
Blue (48%)



Red (55%)

Yellow (53%)

Blue (48%)

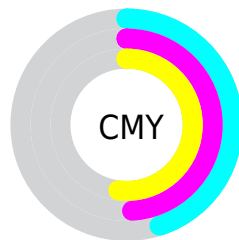


Cyan (0%)

Magenta (6%)

Yellow (12%)

Black (45%)



Cyan (45%)

Magenta (49%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 5.428, 67.066 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, 5.428, 67.066 by changing the saturation by 10% instead.

 55, 5.428, 67.066  55, 5.428, 67.066

 100, 5.428, 67.066  45, 5.428, 67.066

 75, 5.428, 67.066  35, 5.428, 67.066

 85, 5.428, 67.066  25, 5.428, 67.066

 95, 5.428, 67.066  15, 5.428, 67.066

 5, 5.428, 67.066

 0, 5.428, 67.066

 55, 5.428, 67.066  55, 5.428, 67.066

 53, 10.434, 66.034  58, 0.686, 67.758

 50, 15.725, 64.973  60, 3.817, 249.372

48, 21.316, 63.923

63, 8.108, 250.376

45, 27.200, 62.889

65, 12.209,
251.386

43, 33.333, 61.861

68, 16.144,
252.372

41, 39.596, 60.796

39, 45.720, 59.584

70, 19.933,
253.328

37, 51.185, 57.994

73, 23.592,
254.249

36, 55.552, 56.691

76, 27.137,
255.134

78, 30.581,
255.982

Harmonies

Complementary

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



55, 5.428, 67.066



55, 5.225, 249.803

Rectangle

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



55, 5.428, 67.066



55, 5.428, 117.066



55, 5.428, 247.066



55, 5.428, 297.066

Sweetspot

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



55, 5.428, 67.085



73, 1.712, 67.828



53, 8.265, 341.068



38, 1.312, 67.792



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, 5.428, 67.085



69, 8.256, 66.794



57, 8.479, 106.228



28, 2.623, 67.324



34, 53.586, 56.875



1, 1.193, 68.375

Inverse Universe

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



55, 5.225, 249.803



69, 7.861, 250.167



52, 8.669, 288.591



28, 2.548, 249.516



31, 38.214, 275.768



1, 1.193, 248.391

Previews

White Background



This preview shows how the CIELCh color 55, 5.428, 67.066 looks on a white background.

Color Contrast Check

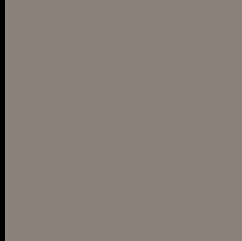
Large Text (above 18pt) WCAG AA ✓ Pass

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, 5.428, 67.066 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

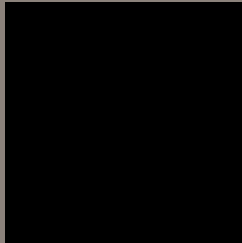
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 5.428, 67.066

Background



This preview shows how black text looks on a background with the CIELCh color 55, 5.428, 67.066.



This preview shows how white text looks on a background with the CIELCh color 55, 5.428, 67.066.

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, 5.428, 67.066

Protanopia

55, 4.478, 82.746

Deuteranopia

55, 8.399, 31.950



Tritanopia
55, 7.718, 332.165

Trichromacy



Original Color
55, 5.428, 67.066

Protanomaly
55, 4.676, 78.267

Deuteranomaly
55, 6.943, 39.188

Tritanomaly
55, 4.955, 352.334

Monochromacy



Original Color
55, 5.428, 67.066

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 1.954, 55.172

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 5.428, 67.066 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(139, 130, 123)` looks like.

```
.text, #text, p{  
    color:rgb(139, 130, 123)  
}
```

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(139, 130, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 130, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 5.428, 67.066 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(139, 130, 123) }
```

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

```
.border{ border-color:rgb(139, 130, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 130, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 130, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 130, 123);  
box-shadow:4px 4px 4px 4px rgb(139, 130,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 5.428, 67.066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 130, 123) }
```

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

```
.background{ background-color: rgb(139,  
130, 123) }
```

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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