

Converting Colors

CIELCh(55, 4.514, 7.724)

Have a look what the booklet for
CIELCh(55, 4.514, 7.724) contains.

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Color

CIELCh(55, 4.553, 5.255)

Conversions

Conversions Part 1

Format	Color
Hex	8C8183
RGB	140, 129, 131
RGB Percent	55%, 51%, 51%
CMY	0.4508, 0.4939, 0.4861
CMYK	0.00, 0.08, 0.06, 0.45
HSL	349°, 5%, 53%
HSV	349°, 8%, 55%
XYZ	22.7772, 22.9298, 24.7124
YIQ	132.5170, 5.9140, 2.9540

Conversions

Conversions Part 2

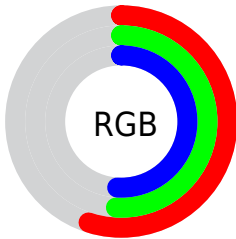
Format	Color
R_{YB}	140, 129, 131
Decimal	9208195
CIE Lab	55.00, 4.53, 0.42
CIE LCh	55, 4.553, 5.255
Yxy	22.9298, 0.3235, 0.3256
Android (android.graphics.Color)	4287398275 (0xFF8C8183)
YUV	132.5170, -0.7479, 6.5626
Hunter-Lab	47.8851, 1.1069, 2.9214

Details

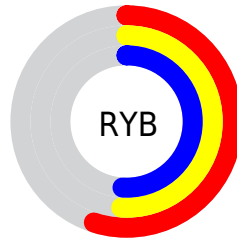
The CIELCh color $55, 4.553, 5.255$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $57, 4.409, 184.087$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 4.635, 6.265$, and $35, 4.536, 4.154$ is the 20% darker color. If you saturate the color by 10%, you get $51, 10.622, 6.334$, and if you desaturate by 10%, it is $59, 1.206, 184.817$.

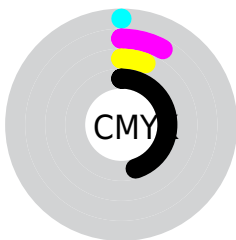
Distribution



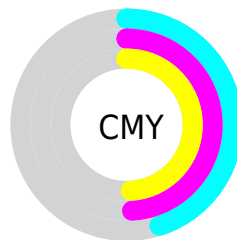
- Red (55%)
- Green (51%)
- Blue (51%)



- Red (55%)
- Yellow (51%)
- Blue (51%)



- Cyan (0%)
- Magenta (8%)
- Yellow (6%)
- Black (45%)



- Cyan (45%)
- Magenta (49%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 4.553, 5.255 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, 4.553, 5.255 by changing the saturation by 10% instead.

■ 55, 4.553, 5.255

■ 55, 4.553, 5.255

■ 100, 4.553, 5.255

■ 45, 4.553, 5.255

■ 75, 4.553, 5.255

■ 35, 4.553, 5.255

■ 85, 4.553, 5.255

■ 25, 4.553, 5.255

■ 95, 4.553, 5.255

■ 15, 4.553, 5.255

■ 5, 4.553, 5.255

■ 0, 4.553, 5.255

■ 55, 4.553, 5.255

■ 55, 4.553, 5.255

■ 51, 10.622, 6.334

■ 59, 1.206, 184.817

■ 47, 16.979, 7.555

■ 63, 6.650, 183.796

43, 23.559, 9.023

68, 11.793,
183.110

40, 30.242, 10.826

72, 16.659,
182.514

36, 36.849, 13.077

34, 43.151, 15.908

76, 21.270,
181.984

31, 48.915, 19.452

80, 25.652,
181.506

30, 53.987, 23.771

29, 58.506, 28.547

85, 29.829,
181.073

89, 33.822,
180.677

93, 37.616,
180.364

Harmonies

Complementary

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



55, 4.553, 5.255



57, 4.409, 184.087

Rectangle

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



55, 4.553, 5.255



55, 4.553, 55.255



55, 4.553, 185.255



55, 4.553, 235.255

Sweetspot

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



55, 4.552, 5.269



73, 1.409, 4.497



55, 7.260, 319.624



38, 0.807, 4.461



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, 4.552, 5.269



69, 6.455, 5.408



56, 3.605, 52.972



27, 3.236, 5.403



27, 57.048, 29.171



0, 1.467, 4.658

Inverse Universe

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



55, 4.552, 5.269



69, 6.455, 5.408



56, 3.470, 234.346



27, 3.236, 5.403



27, 57.048, 29.171



0, 1.467, 4.658

Previews

White Background



This preview shows how the CIELCh color 55, 4.553, 5.255 looks on a white background.

Color Contrast Check

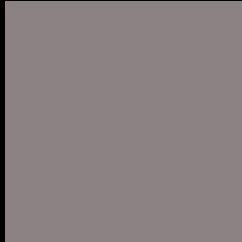
Large Text (above 18pt) WCAG AA ✓ Pass

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, 4.553, 5.255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

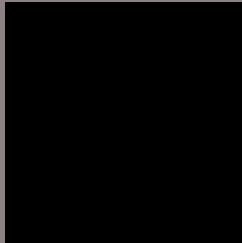
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 4.553, 5.255

Background



This preview shows how black text looks on a background with the CIELCh color 55, 4.553, 5.255.



This preview shows how white text looks on a background with the CIELCh color 55, 4.553, 5.255.

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, 4.553, 5.255

Protanopia

55, 1.327, 353.627

Deuteranopia

55, 7.208, 1.651



Tritanopia
55, 7.718, 332.165

Trichromacy



Original Color

55, 4.553, 5.255

Protanomaly

55, 2.655, 353.950

Deuteranomaly

55, 6.265, 4.147

Tritanomaly

55, 6.554, 342.308

Monochromacy



Original Color

55, 4.553, 5.255

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, 4.553, 5.255 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(140, 129, 131)` looks like.

```
.text, #text, p{  
    color:rgb(140, 129, 131)  
}
```

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(140, 129, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 129, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 4.553, 5.255 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(140, 129, 131) }
```

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

```
.border{ border-color:rgb(140, 129, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 129, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 129, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 129, 131);  
box-shadow:4px 4px 4px 4px rgb(140, 129,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 4.553, 5.255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 129, 131) }
```

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

```
.background{ background-color: rgb(140,  
129, 131) }
```

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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