

Converting Colors

CIELCh(55, 7.220, 93.262)

Have a look what the booklet for
CIELCh(55, 7.220, 93.262) contains.

CIELCh(55, 7.159, 92.640)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(55, 7.159, 92.640)

Conversions

Conversions Part 1

Format	Color
Hex	888377
RGB	136, 131, 119
RGB Percent	53%, 51%, 47%
CMY	0.4653, 0.4849, 0.5320
CMYK	0.00, 0.04, 0.12, 0.47
HSL	42°, 7%, 50%
HSV	42°, 12%, 53%
XYZ	21.7238, 22.9298, 20.8417
YIQ	131.1270, 6.8320, -2.6720

Conversions

Conversions Part 2

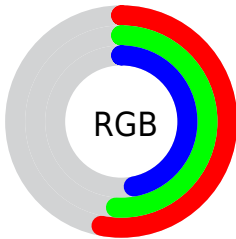
Format	Color
R _Y B	126, 136, 119
Decimal	8946551
CIE Lab	55.00, -0.33, 7.15
CIE LCh	55, 7.159, 92.640
Yxy	22.9298, 0.3317, 0.3501
Android (android.graphics.Color)	4287136631 (0xFF888377)
YUV	131.1270, -5.9786, 4.2736
Hunter-Lab	47.8851, -2.8199, 7.7140

Details

The CIELCh color $55, 7.159, 92.640$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $52, 7.186, 275.736$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 7.238, 94.155$, and $35, 7.064, 94.155$ is the 20% darker color. If you saturate the color by 10%, you get $54, 13.007, 91.439$, and if you desaturate by 10%, it is $56, 1.403, 93.742$.

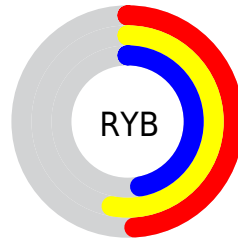
Distribution



Red (53%)

Green (51%)

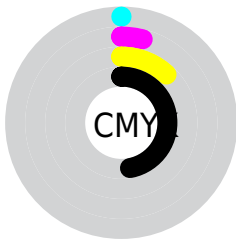
Blue (47%)



Red (49%)

Yellow (53%)

Blue (47%)

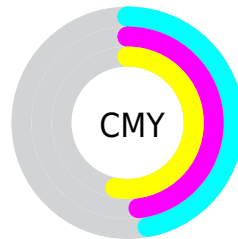


Cyan (0%)

Magenta (4%)

Yellow (12%)

Black (47%)



Cyan (47%)

Magenta (48%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 7.159, 92.640 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, 7.159, 92.640 by changing the saturation by 10% instead.

■ 55, 7.159, 92.640 ■ 55, 7.159, 92.640

■ 100, 7.159, 92.640 ■ 45, 7.159, 92.640

■ 75, 7.159, 92.640 ■ 35, 7.159, 92.640

■ 85, 7.159, 92.640 ■ 25, 7.159, 92.640

■ 95, 7.159, 92.640 ■ 15, 7.159, 92.640

■ 5, 7.159, 92.640

■ 0, 7.159, 92.640

■ 55, 7.159, 92.640 ■ 55, 7.159, 92.640

■ 54, 13.007, 91.439 ■ 56, 1.403, 93.742

■ 52, 18.928, 90.183 ■ 58, 4.260, 275.034

51, 24.888, 88.890

59, 9.828, 276.105

49, 30.818, 87.561

61, 15.306,
277.143

48, 36.589, 86.188

63, 20.700,
278.134

47, 41.977, 84.746

46, 46.619, 83.182

64, 26.013,
279.077

45, 50.014, 81.397

66, 31.252,
279.972

44, 52.142, 80.016

67, 36.422,
280.820

69, 41.527,
281.621

Harmonies

Complementary

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



55, 7.159, 92.640



52, 7.186, 275.736

Rectangle

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



55, 7.159, 92.640



55, 7.159, 142.640



55, 7.159, 272.640



55, 7.159, 322.640

Sweetspot

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



55, 7.160, 92.652



72, 2.836, 93.600



52, 7.504, 357.080



37, 2.009, 93.531



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



55, 7.160, 92.652



70, 10.755, 92.310



56, 9.782, 117.178



28, 3.255, 93.040



43, 51.107, 80.086



1, 1.505, 94.139

Inverse Universe

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



52, 7.186, 275.736



66, 10.797, 276.135



51, 10.037, 298.869



27, 3.268, 275.299



21, 62.119, 297.692



0, 1.505, 274.146

Previews

White Background



This preview shows how the CIELCh color 55, 7.159, 92.640 looks on a white background.

Color Contrast Check

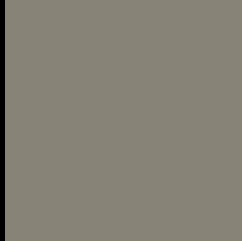
Large Text (above 18pt) WCAG AA ✓ Pass

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, 7.159, 92.640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

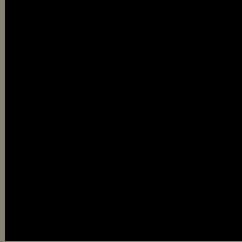
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

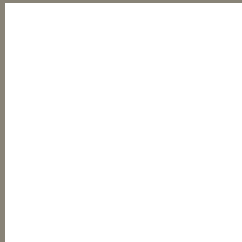
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 55, 7.159, 92.640

Background



This preview shows how black text looks on a background with the CIELCh color 55, 7.159, 92.640.



This preview shows how white text looks on a background with the CIELCh color 55, 7.159, 92.640.

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

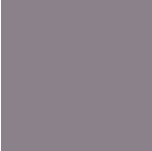
55, 7.159, 92.640

Protanopia

55, 7.288, 89.517

Deuteranopia

55, 10.020, 43.676



Tritanopia
55, 6.983, 324.795

Trichromacy



Original Color
55, 7.159, 92.640

Protanomaly
55, 7.288, 89.517

Deuteranomaly
55, 8.079, 59.297

Tritanomaly
55, 3.393, 359.928

Monochromacy



Original Color
55, 7.159, 92.640

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 2.416, 90.518

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 7.159, 92.640 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(136, 131, 119)` looks like.

```
.text, #text, p{  
    color:rgb(136, 131, 119)  
}
```

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(136, 131, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 131, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 7.159, 92.640 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(136, 131, 119) }
```

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

```
.border{ border-color:rgb(136, 131, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 131, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 131, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 131, 119);  
box-shadow:4px 4px 4px 4px rgb(136, 131,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 7.159, 92.640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 131, 119) }
```

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

```
.background{ background-color: rgb(136,  
131, 119) }
```

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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