

Converting Colors

CIELCh(55, 3.963, 63.103)

Have a look what the booklet for
CIELCh(55, 3.963, 63.103) contains.

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Color

CIELCh(55, 3.952, 54.942)

Conversions

Conversions Part 1	
Format	Color
Hex	8A827E
RGB	138, 130, 126
RGB Percent	54%, 51%, 49%
CMY	0.4582, 0.4896, 0.5053
CMYK	0.00, 0.06, 0.09, 0.46
HSL	20°, 5%, 52%
HSV	20°, 9%, 54%
XYZ	22.2827, 22.9298, 23.0392
YIQ	131.9360, 6.0520, 0.4520

Conversions

Conversions Part 2

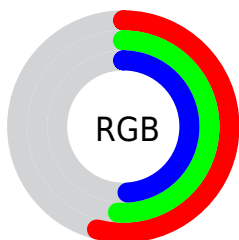
Format	Color
RYB	138, 132, 126
Decimal	9077374
CIELab	55.00, 2.27, 3.23
CIELCh	55, 3.952, 54.942
Yxy	22.9298, 0.3265, 0.3360
Android (android.graphics.Color)	4287267454 (0xFF8A827E)
YUV	131.9360, -2.9264, 5.3181
Hunter-Lab	47.8851, -0.7363, 4.9931

Details

The CIELCh color $55, 3.952, 54.942$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $55, 3.794, 236.559$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 3.694, 55.078$, and $35, 3.973, 58.356$ is the 20% darker color. If you saturate the color by 10%, you get $52, 8.803, 54.288$, and if you desaturate by 10%, it is $58, 0.582, 236.466$.

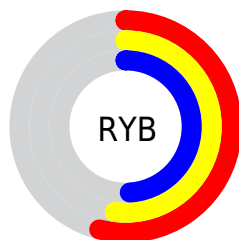
Distribution



Red (54%)

Green (51%)

Blue (49%)



Red (54%)

Yellow (52%)

Blue (49%)

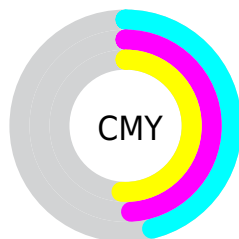


Cyan (0%)

Magenta (6%)

Yellow (9%)

Black (46%)



Cyan (46%)

Magenta (49%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 3.952, 54.942 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, 3.952, 54.942 by changing the saturation by 10% instead.

 55, 3.952, 54.942  55, 3.952, 54.942

 100, 3.952, 54.942  45, 3.952, 54.942


 75, 3.952, 54.942  35, 3.952, 54.942

 85, 3.952, 54.942  25, 3.952, 54.942

 95, 3.952, 54.942  15, 3.952, 54.942

 5, 3.952, 54.942

 0, 3.952, 54.942

 55, 3.952, 54.942  55, 3.952, 54.942

 52, 8.803, 54.288  58, 0.582, 236.466

 49, 14.004, 53.623  61, 4.831, 236.693

47, 19.580, 53.017

64, 8.827, 237.455

44, 25.543, 52.491

67, 12.600,
238.238

41, 31.874, 52.050

70, 16.177,
239.018

39, 38.501, 51.675

37, 45.230, 51.286

73, 19.583,
239.788

35, 51.636, 50.679

76, 22.837,
240.540

33, 57.464, 49.945

79, 25.959,
241.273

82, 28.964,
241.983

Harmonies

Complementary

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



55, 3.952, 54.942



55, 3.794, 236.559

Rectangle

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



55, 3.952, 54.942



55, 3.952, 104.942



55, 3.952, 234.942



55, 3.952, 284.942

Sweetspot

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



55, 3.952, 54.968



72, 1.648, 55.218



54, 6.643, 336.217



37, 1.248, 55.215



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, 3.952, 54.968



69, 5.638, 54.868



57, 5.738, 101.393



28, 2.564, 54.938



31, 56.371, 49.978



1, 1.158, 55.718

Inverse Universe

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



55, 3.794, 236.559



70, 5.368, 236.689



54, 5.811, 283.323



28, 2.456, 236.597



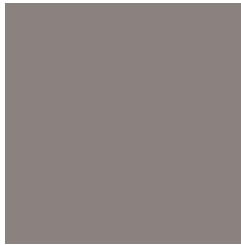
35, 31.391, 260.553



1, 1.158, 235.736

Previews

White Background



This preview shows how the CIELCh color 55, 3.952, 54.942 looks on a white background.

Color Contrast Check

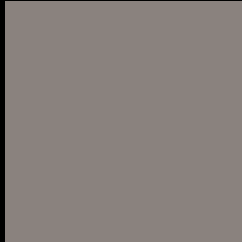
Large Text (above 18pt) WCAG AA ✓ Pass

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, 3.952, 54.942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

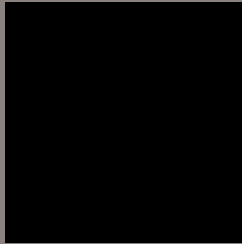
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

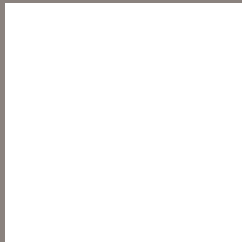
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 55, 3.952, 54.942

Background



This preview shows how black text looks on a background with the CIELCh color 55, 3.952, 54.942.



This preview shows how white text looks on a background with the CIELCh color 55, 3.952, 54.942.

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, 3.952, 54.942

Protanopia

55, 2.784, 74.629

Deuteranopia

55, 7.732, 20.188



Tritanopia

55, 7.462, 329.861

Trichromacy



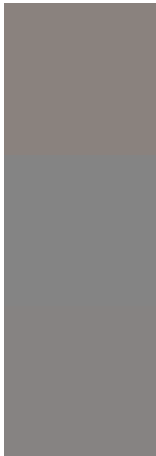
Original Color
55, 3.952, 54.942

Protanomaly
55, 3.033, 68.353

Deuteranomaly
55, 6.111, 25.342

Tritanomaly
55, 4.913, 344.163

Monochromacy



Original Color
55, 3.952, 54.942

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 1.316, 44.993

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 3.952, 54.942 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(138, 130, 126)` looks like.

```
.text, #text, p{  
    color:rgb(138, 130, 126)  
}
```

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(138, 130, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 130, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 3.952, 54.942 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(138, 130, 126) }
```

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

```
.border{ border-color:rgb(138, 130, 126) }
```

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

Here you see how a box with a 4 pixel rgb(138, 130, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 130, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 130, 126);  
box-shadow:4px 4px 4px 4px rgb(138, 130,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 3.952, 54.942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 130, 126) }
```

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

```
.background{ background-color: rgb(138,  
130, 126) }
```

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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