

Converting Colors

CIELCh(55, 4.144, 68.686)

Have a look what the booklet for
CIELCh(55, 4.144, 68.686) contains.

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Color

CIELCh(55, 4.193, 74.325)

Conversions

Conversions Part 1

Format	Color
Hex	89837D
RGB	137, 131, 125
RGB Percent	54%, 51%, 49%
CMY	0.4638, 0.4873, 0.5108
CMYK	0.00, 0.04, 0.09, 0.46
HSL	30°, 5%, 51%
HSV	30°, 9%, 54%
XYZ	22.0371, 22.9298, 22.5772
YIQ	132.1100, 5.5020, -0.5940

Conversions

Conversions Part 2

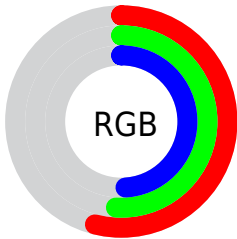
Format	Color
RYB	137, 137, 125
Decimal	9012093
CIELab	55.00, 1.13, 4.04
CIElCh	55, 4.193, 74.325
Yxy	22.9298, 0.3263, 0.3395
Android (android.graphics.Color)	4287202173 (0xFF89837D)
YUV	132.1100, -3.5052, 4.2885
Hunter-Lab	47.8851, -1.6520, 5.5652

Details

The CIELCh color $55, 4.193, 74.325$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $54, 4.114, 256.604$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 3.927, 74.571$, and $35, 4.332, 78.676$ is the 20% darker color. If you saturate the color by 10%, you get $53, 9.181, 73.188$, and if you desaturate by 10%, it is $57, 0.580, 256.067$.

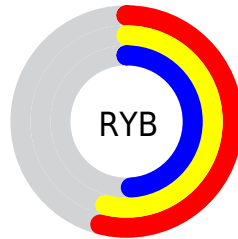
Distribution



Red (54%)

Green (51%)

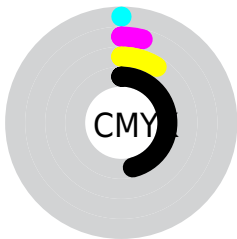
Blue (49%)



Red (54%)

Yellow (54%)

Blue (49%)

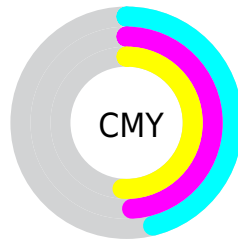


Cyan (0%)

Magenta (4%)

Yellow (9%)

Black (46%)



Cyan (46%)

Magenta (49%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 4.193, 74.325 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, 4.193, 74.325 by changing the saturation by 10% instead.

 55, 4.193, 74.325  55, 4.193, 74.325

 100, 4.193, 74.325  45, 4.193, 74.325

 75, 4.193, 74.325  35, 4.193, 74.325


 85, 4.193, 74.325  25, 4.193, 74.325

 95, 4.193, 74.325  15, 4.193, 74.325

 5, 4.193, 74.325

 0, 4.193, 74.325

 55, 4.193, 74.325  55, 4.193, 74.325

 53, 9.181, 73.188  57, 0.580, 256.067

 51, 14.397, 71.987  60, 5.160, 256.786

■ 48, 19.851, 70.770

■ 62, 9.565, 257.872

■ 46, 25.533, 69.540

■ 64, 13.814,
258.935

■ 44, 31.399, 68.290

■ 67, 17.925,
259.961

■ 42, 37.338, 66.985

■ 41, 43.117, 65.542

■ 69, 21.915,
260.946

■ 39, 48.295, 63.788

■ 71, 25.795,
261.889

■ 37, 52.755, 61.794

■ 74, 29.579,
262.789

■ 76, 33.277,
263.646

Harmonies

Complementary

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



55, 4.193, 74.325



54, 4.114, 256.604

Rectangle

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



55, 4.193, 74.325



55, 4.193, 124.325



55, 4.193, 254.325



55, 4.193, 304.325

Sweetspot

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



55, 4.193, 74.348



72, 1.757, 74.895



54, 5.922, 344.305



37, 1.329, 74.846



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, 4.193, 74.348



70, 6.574, 74.070



57, 6.818, 109.358



28, 2.715, 74.305



36, 52.171, 61.734



1, 1.240, 75.439

Inverse Universe

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



54, 4.114, 256.604



69, 6.404, 256.927



53, 6.956, 291.051



28, 2.661, 256.653



28, 43.270, 282.734



1, 1.240, 255.452

Previews

White Background



This preview shows how the CIELCh color 55, 4.193, 74.325 looks on a white background.

Color Contrast Check

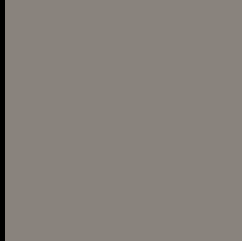
Large Text (above 18pt) WCAG AA ✓ Pass

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, 4.193, 74.325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

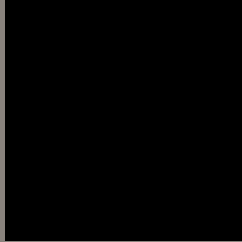
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

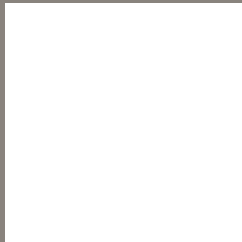
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 55, 4.193, 74.325

Background



This preview shows how black text looks on a background with the CIELCh color 55, 4.193, 74.325.



This preview shows how white text looks on a background with the CIELCh color 55, 4.193, 74.325.

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

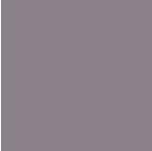
55, 4.193, 74.325

Protanopia

55, 3.972, 79.137

Deuteranopia

55, 8.276, 28.133



Tritanopia
55, 6.983, 324.795

Trichromacy



Original Color
55, 4.193, 74.325

Protanomaly
55, 3.972, 79.137

Deuteranomaly
55, 6.355, 35.597

Tritanomaly
55, 3.929, 344.033

Monochromacy



Original Color
55, 4.193, 74.325

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 1.881, 84.855

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 4.193, 74.325 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(137, 131, 125)` looks like.

```
.text, #text, p{  
    color:rgb(137, 131, 125)  
}
```

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(137, 131, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 131, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 4.193, 74.325 is called "border". The border property can be set on classes, ids or directly on the HTML element.

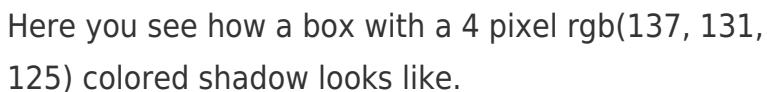
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 131, 125) }
```

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

```
.border{ border-color:rgb(137, 131, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 131, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 131, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 131, 125); box-shadow:4px 4px 4px 4px rgb(137, 131, 125) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 4.193, 74.325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 131, 125) }
```

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

```
.background{ background-color: rgb(137,  
131, 125) }
```

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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