

Converting Colors

CIELCh(55, 6.557, 75.962)

Have a look what the booklet for
CIELCh(55, 6.557, 75.962) contains.

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Color

CIELCh(55, 6.333, 73.846)

Conversions

Conversions Part 1	
Format	Color
Hex	8B8279
RGB	139, 130, 121
RGB Percent	55%, 51%, 47%
CMY	0.4539, 0.4892, 0.5245
CMYK	0.00, 0.06, 0.13, 0.45
HSL	30°, 7%, 51%
HSV	30°, 13%, 55%
XYZ	22.1727, 22.9298, 21.4267
YIQ	131.6650, 8.2530, -0.8910

Conversions

Conversions Part 2

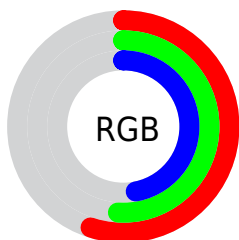
Format	Color
RYB	139, 139, 121
Decimal	9142905
CIELab	55.00, 1.76, 6.08
CIELCh	55, 6.333, 73.846
Yxy	22.9298, 0.3333, 0.3447
Android (android.graphics.Color)	4287332985 (0xFF8B8279)
YUV	131.6650, -5.2578, 6.4328
Hunter-Lab	47.8851, -1.1463, 6.9897

Details

The CIELCh color `55, 6.333, 73.846` is a dark color, and the websafe version is hex `999999`. A complement of this color would be `54, 6.141, 257.150`, and the grayscale version is `55, 0.007, 296.813`.

A 20% lighter version of the original color is `75, 6.589, 74.113`, and `35, 6.151, 73.360` is the 20% darker color. If you saturate the color by 10%, you get `53, 11.492, 72.677`, and if you desaturate by 10%, it is `57, 1.400, 74.891`.

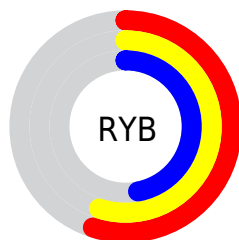
Distribution



Red (55%)

Green (51%)

Blue (47%)



Red (55%)

Yellow (55%)

Blue (47%)

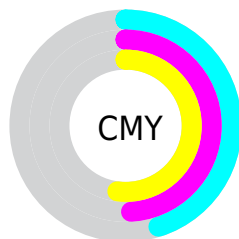


Cyan (0%)

Magenta (6%)

Yellow (13%)

Black (45%)



Cyan (45%)

Magenta (49%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 6.333, 73.846 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, 6.333, 73.846 by changing the saturation by 10% instead.

 55, 6.333, 73.846  55, 6.333, 73.846

 100, 6.333, 73.846  45, 6.333, 73.846

 75, 6.333, 73.846  35, 6.333, 73.846

 85, 6.333, 73.846  25, 6.333, 73.846

 95, 6.333, 73.846  15, 6.333, 73.846

 5, 6.333, 73.846

 0, 6.333, 73.846

 55, 6.333, 73.846  55, 6.333, 73.846

 53, 11.492, 72.677  57, 1.400, 74.891

 51, 16.888, 71.466  60, 3.328, 256.336

■ 48, 22.525, 70.241

■ 62, 7.870, 257.414

■ 46, 28.380, 69.003

■ 64, 12.246,
258.491

■ 44, 34.385, 67.734

■ 67, 16.474,
259.535

■ 42, 40.384, 66.383

■ 40, 46.059, 64.833

■ 69, 20.572,
260.539

■ 39, 50.851, 62.855

■ 71, 24.554,
261.500

■ 38, 54.105, 61.539

■ 74, 28.432,
262.419

■ 76, 32.220,
263.295

Harmonies

Complementary

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



55, 6.333, 73.846



54, 6.141, 257.150

Rectangle

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



55, 6.333, 73.846



55, 6.333, 123.846



55, 6.333, 253.846



55, 6.333, 303.846

Sweetspot

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



55, 6.333, 73.862



73, 2.377, 74.813



53, 8.901, 344.678



38, 1.705, 74.753



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, 6.333, 73.862



69, 9.786, 73.462



57, 10.193, 108.969



28, 2.715, 74.295



36, 52.173, 61.726



1, 1.240, 75.428

Inverse Universe

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



54, 6.141, 257.150



68, 9.398, 257.645



51, 10.489, 291.505



28, 2.661, 256.642



28, 43.262, 282.724



1, 1.240, 255.441

Previews

White Background



This preview shows how the CIELCh color 55, 6.333, 73.846 looks on a white background.

Color Contrast Check

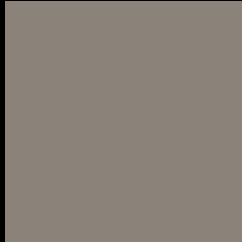
Large Text (above 18pt) WCAG AA ✓ Pass

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, 6.333, 73.846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

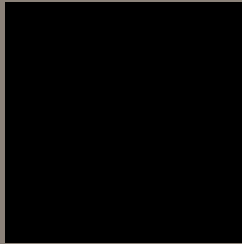
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 6.333, 73.846

Background



This preview shows how black text looks on a background with the CIELCh color 55, 6.333, 73.846.



This preview shows how white text looks on a background with the CIELCh color 55, 6.333, 73.846.

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, 6.333, 73.846

Protanopia

55, 5.529, 87.894

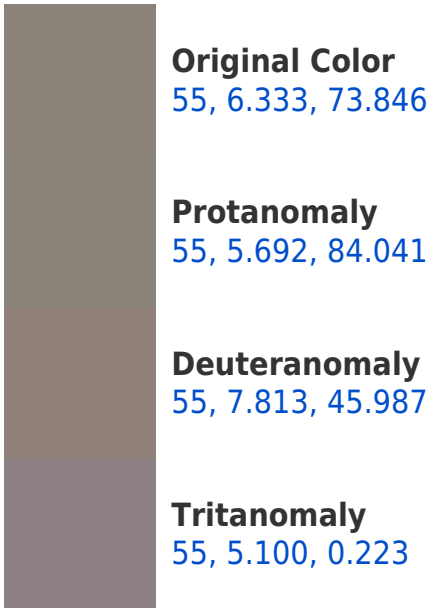
Deuteranopia

55, 9.157, 38.346

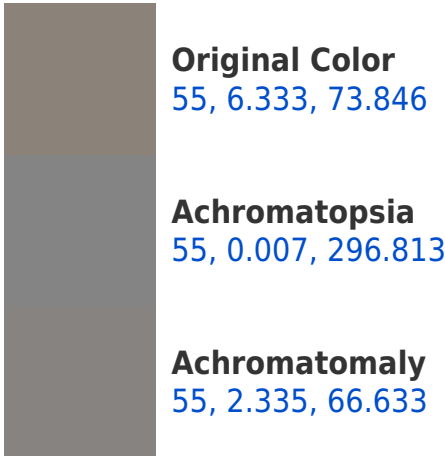


Tritanopia
55, 7.985, 334.327

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIElCh 55, 6.333, 73.846 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, 121)` looks like.

```
.text, #text, p{  
    color:rgb(139, 130, 121)  
}
```

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, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 130, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 6.333, 73.846 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, 121) }
```

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

```
.border{ border-color:rgb(139, 130, 121) }
```

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, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 130, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 130, 121);  
box-shadow:4px 4px 4px 4px rgb(139, 130,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 6.333, 73.846 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, 121) }
```

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

```
.background{ background-color: rgb(139,  
130, 121) }
```

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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