

Converting Colors

CIELCh(55, 8.183, 70.691)

Have a look what the booklet for
CIELCh(55, 8.183, 70.691) contains.

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Color

CIELCh(55, 8.489, 73.379)

Conversions

Conversions Part 1

Format	Color
Hex	8E8276
RGB	142, 130, 118
RGB Percent	56%, 51%, 46%
CMY	0.4441, 0.4912, 0.5382
CMYK	0.00, 0.08, 0.17, 0.44
HSL	30°, 10%, 51%
HSV	30°, 17%, 56%
XYZ	22.3170, 22.9298, 20.3130
YIQ	132.2200, 11.0040, -1.1880

Conversions

Conversions Part 2

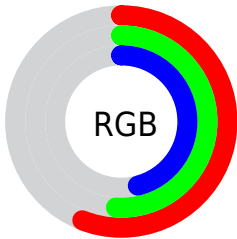
Format	Color
R_{YB}	142, 142, 118
Decimal	9339510
CIE _{Lab}	55.00, 2.43, 8.13
CIE _{LCh}	55, 8.489, 73.379
Yxy	22.9298, 0.3404, 0.3498
Android (android.graphics.Color)	4287529590 (0xFF8E8276)
YUV	132.2200, -7.0105, 8.5771
Hunter-Lab	47.8851, -0.6084, 8.3685

Details

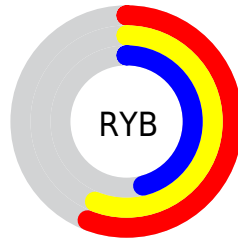
The CIELCh color $55, 8.489, 73.379$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $54, 8.139, 257.738$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 8.600, 73.767$, and $35, 8.521, 72.674$ is the 20% darker color. If you saturate the color by 10%, you get $53, 13.819, 72.191$, and if you desaturate by 10%, it is $57, 3.394, 74.538$.

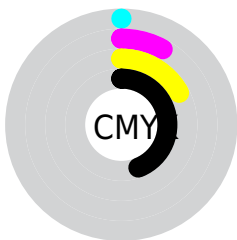
Distribution



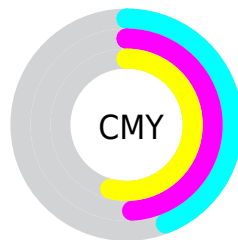
- Red (56%)
- Green (51%)
- Blue (46%)



- Red (56%)
- Yellow (56%)
- Blue (46%)



- Cyan (0%)
- Magenta (8%)
- Yellow (17%)
- Black (44%)



- Cyan (44%)
- Magenta (49%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 8.489, 73.379 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, 8.489, 73.379 by changing the saturation by 10% instead.

 55, 8.489, 73.379  55, 8.489, 73.379

 100, 8.489, 73.379  45, 8.489, 73.379

 75, 8.489, 73.379  35, 8.489, 73.379

 85, 8.489, 73.379  25, 8.489, 73.379

 95, 8.489, 73.379  15, 8.489, 73.379

 5, 8.489, 73.379

 0, 8.489, 73.379

 55, 8.489, 73.379  55, 8.489, 73.379

 53, 13.819, 72.191  57, 3.394, 74.538

 51, 19.394, 70.972  60, 1.484, 255.986

48, 25.207, 69.741

62, 6.164, 256.982

46, 31.223, 68.492

64, 10.669,
258.069

44, 37.340, 67.195

67, 15.016,
259.129

42, 43.342, 65.779

40, 48.814, 64.086

69, 19.224,
260.151

39, 53.326, 61.986

72, 23.309,
261.131

38, 54.824, 61.474

74, 27.284,
262.068

77, 31.161,
262.962

Harmonies

Complementary

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



55, 8.489, 73.379



54, 8.139, 257.738

Rectangle

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



55, 8.489, 73.379



55, 8.489, 123.379



55, 8.489, 253.379



55, 8.489, 303.379

Sweetspot

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



55, 8.489, 73.392



73, 3.013, 74.722



52, 11.872, 345.046



38, 2.052, 74.662



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, 8.489, 73.392



69, 12.489, 72.975



58, 13.523, 108.592



29, 2.799, 74.290



36, 52.915, 61.653



1, 1.860, 75.430

Inverse Universe

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



54, 8.139, 257.738



67, 11.856, 258.284



50, 14.040, 291.975



29, 2.743, 256.651



29, 43.942, 282.816



1, 1.861, 255.443

Previews

White Background



This preview shows how the CIELCh color 55, 8.489, 73.379 looks on a white background.

Color Contrast Check

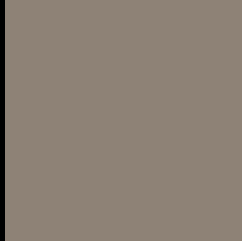
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 55, 8.489, 73.379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

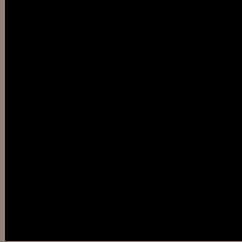
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

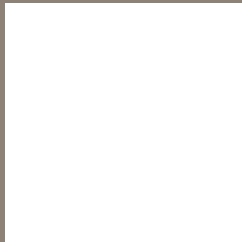
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 55, 8.489, 73.379

Background



This preview shows how black text looks on a background with the CIELCh color 55, 8.489, 73.379.



This preview shows how white text looks on a background with the CIELCh color 55, 8.489, 73.379.

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, 8.489, 73.379

Protanopia

55, 7.288, 89.517

Deuteranopia

55, 10.586, 49.154



Tritanopia
55, 8.860, 340.037

Trichromacy



Original Color
55, 8.489, 73.379

Protanomaly
55, 7.610, 83.617

Deuteranomaly
55, 9.468, 57.000

Tritanomaly
55, 6.146, 9.298

Monochromacy



Original Color
55, 8.489, 73.379

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 3.033, 68.353

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 8.489, 73.379 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(142, 130, 118)` looks like.

```
.text, #text, p{  
    color:rgb(142, 130, 118)  
}
```

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(142, 130, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 130, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 8.489, 73.379 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(142, 130, 118) }
```

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

```
.border{ border-color:rgb(142, 130, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 130, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 130, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 130, 118);  
box-shadow:4px 4px 4px 4px rgb(142, 130,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 8.489, 73.379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 130, 118) }
```

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

```
.background{ background-color: rgb(142,  
130, 118) }
```

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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