

Converting Colors

CIELCh(55, 4.608, 329.252)

Have a look what the booklet for
CIELCh(55, 4.608, 329.252) contains.

CIELCh(55, 4.435, 328.853)	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, 4.435, 328.853)

Conversions

Conversions Part 1

Format	Color
Hex	898288
RGB	137, 130, 136
RGB Percent	54%, 51%, 53%
CMY	0.4641, 0.4915, 0.4680
CMYK	0.00, 0.05, 0.01, 0.46
HSL	309°, 3%, 52%
HSV	309°, 5%, 54%
XYZ	22.6151, 22.9298, 26.3967
YIQ	132.7770, 2.2460, 3.3500

Conversions

Conversions Part 2

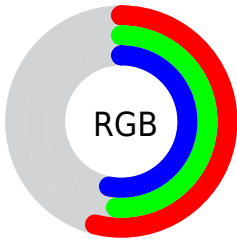
Format	Color
RYB	137, 130, 136
Decimal	9011848
CIELab	55.00, 3.80, -2.29
CIElCh	55, 4.435, 328.853
Yxy	22.9298, 0.3144, 0.3187
Android (android.graphics.Color)	4287201928 (0xFF898288)
YUV	132.7770, 1.5889, 3.7036
Hunter-Lab	47.8851, 0.5029, 0.8359

Details

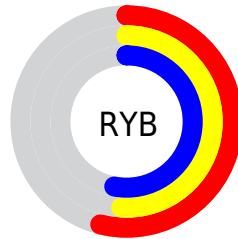
The CIELCh color $55, 4.435, 328.853$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $56, 4.419, 148.363$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 4.173, 328.760$, and $35, 4.054, 329.732$ is the 20% darker color. If you saturate the color by 10%, you get $51, 13.169, 329.468$, and if you desaturate by 10%, it is $59, 4.176, 148.394$.

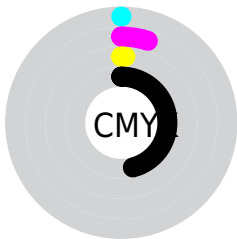
Distribution



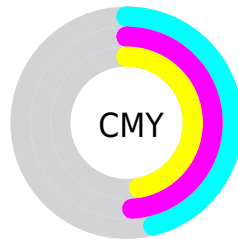
- Red (54%)
- Green (51%)
- Blue (53%)



- Red (54%)
- Yellow (51%)
- Blue (53%)



- Cyan (0%)
- Magenta (5%)
- Yellow (1%)
- Black (46%)



- Cyan (46%)
- Magenta (49%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 4.435, 328.853 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, 4.435, 328.853 by changing the saturation by 10% instead.

■ 55, 4.435, 328.853

■ 55, 4.435, 328.853

■ 100, 4.435,
328.853

■ 45, 4.435, 328.853

■ 75, 4.435, 328.853

■ 35, 4.435, 328.853

■ 85, 4.435, 328.853

■ 25, 4.435, 328.853

■ 95, 4.435, 328.853

■ 15, 4.435, 328.853

■ 5, 4.435, 328.853

■ 0, 4.435, 328.853

■ 55, 4.435, 328.853

■ 55, 4.435, 328.853

■ 51, 13.169,
329.468

■ 59, 4.176, 148.394

■ 63, 12.597,

48, 21.929,
330.069

147.817

44, 30.560,
330.674

67, 20.794,
147.290

41, 38.845,
331.282

71, 28.752,
146.793

38, 46.502,
331.889

75, 36.469,
146.322

36, 53.190,
332.494

79, 43.949,
145.877

34, 58.558,
333.101

83, 51.201,
145.458

32, 62.313,
333.722

87, 58.239,
145.063

31, 64.378,
334.371

91, 65.075,
144.692

Harmonies

Complementary

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



55, 4.435, 328.853



56, 4.419, 148.363

Rectangle

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



55, 4.435, 328.853



55, 4.435, 18.853



55, 4.435, 148.853



55, 4.435, 198.853

Sweetspot

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



55, 4.433, 328.854



72, 2.153, 328.604



55, 4.052, 295.798



37, 1.220, 328.587



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, 4.433, 328.854



70, 6.467, 328.921



55, 3.156, 351.849



28, 3.445, 328.939



30, 63.784, 334.668



0, 2.275, 328.609

Inverse Universe

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



55, 4.433, 328.854



70, 6.467, 328.921



56, 3.115, 171.177



28, 3.445, 328.939



30, 63.784, 334.668



0, 2.275, 328.609

Previews

White Background



This preview shows how the CIELCh color 55, 4.435, 328.853 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, 4.435, 328.853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

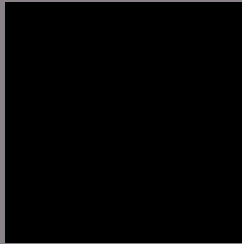
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 4.435, 328.853

Background



This preview shows how black text looks on a background with the CIELCh color 55, 4.435, 328.853.



This preview shows how white text looks on a background with the CIELCh color 55, 4.435, 328.853.

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, 4.435, 328.853

Protanopia

55, 2.992, 305.654

Deuteranopia

55, 7.216, 340.698



Tritanopia
55, 6.574, 319.093

Trichromacy



Original Color

55, 4.435, 328.853

Protanomaly

55, 3.121, 312.593

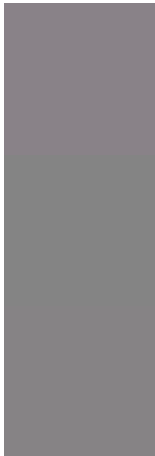
Deuteranomaly

55, 5.940, 337.483

Tritanomaly

55, 6.078, 321.673

Monochromacy



Original Color

55, 4.435, 328.853

Achromatopsia

55, 0.007, 296.813

Achromatomaly

55, 1.663, 335.659

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 4.435, 328.853 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, 130, 136)` looks like.

```
.text, #text, p{  
    color:rgb(137, 130, 136)  
}
```

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, 130, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 130, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 4.435, 328.853 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, 130, 136) }
```

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

```
.border{ border-color:rgb(137, 130, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 130, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 130, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 130, 136);  
box-shadow:4px 4px 4px 4px rgb(137, 130,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 4.435, 328.853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 130, 136) }
```

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

```
.background{ background-color: rgb(137,  
130, 136) }
```

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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