

Converting Colors

CIELCh(55, 7.646, 283.287)

Have a look what the booklet for
CIELCh(55, 7.646, 283.287) contains.

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Color

CIELCh(55, 7.538, 282.449)

Conversions

Conversions Part 1

Format	Color
Hex	808390
RGB	128, 131, 144
RGB Percent	50%, 51%, 56%
CMY	0.4971, 0.4853, 0.4343
CMYK	0.11, 0.09, 0.00, 0.43
HSL	229°, 7%, 53%
HSV	229°, 11%, 57%
XYZ	22.1431, 22.9298, 29.7467
YIQ	131.5850, -5.9610, 3.4070

Conversions

Conversions Part 2

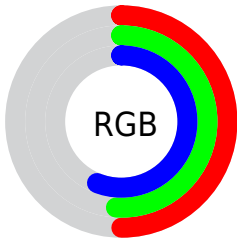
Format	Color
R _Y B	128, 131, 144
Decimal	8422288
CIE Lab	55.00, 1.62, -7.36
CIE LCh	55, 7.538, 282.449
Yxy	22.9298, 0.2960, 0.3065
Android (android.graphics.Color)	4286612368 (0xFF808390)
YUV	131.5850, 6.1206, -3.1440
Hunter-Lab	47.8851, -1.2566, -3.3119

Details

The CIELCh color $55, 7.538, 282.449$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 7.435, 99.913$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 7.621, 282.794$, and $35, 7.561, 282.260$ is the 20% darker color. If you saturate the color by 10%, you get $51, 14.537, 283.797$, and if you desaturate by 10%, it is $59, 0.740, 281.415$.

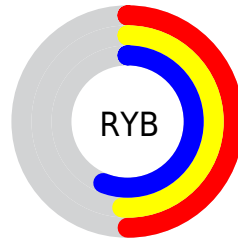
Distribution



Red (50%)

Green (51%)

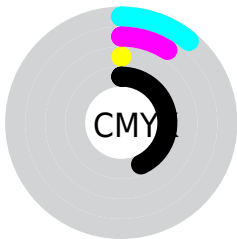
Blue (56%)



Red (50%)

Yellow (51%)

Blue (56%)

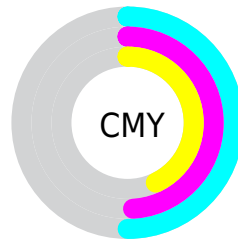


Cyan (11%)

Magenta (9%)

Yellow (0%)

Black (43%)



Cyan (50%)

Magenta (49%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 7.538, 282.449 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, 7.538, 282.449 by changing the saturation by 10% instead.

■ 55, 7.538, 282.449

■ 55, 7.538, 282.449

■ 100, 7.538,
282.449

■ 45, 7.538, 282.449

■ 75, 7.538, 282.449

■ 35, 7.538, 282.449

■ 85, 7.538, 282.449

■ 25, 7.538, 282.449

■ 95, 7.538, 282.449

■ 15, 7.538, 282.449

■ 5, 7.538, 282.449

■ 0, 7.538, 282.449

■ 55, 7.538, 282.449

■ 55, 7.538, 282.449

■ 51, 14.537,
283.797

■ 59, 0.740, 281.415

■ 64, 5.867, 100.223

46, 21.756,
285.380

68, 12.295, 99.356

42, 29.215,
287.224

72, 18.553, 98.593

37, 36.935,
289.355

77, 24.649, 97.922

33, 44.928,
291.781

85, 36.381, 96.802

29, 53.166,
294.469

89, 42.030, 96.332

25, 61.521,
297.318

93, 47.310, 97.404

22, 69.659,
300.145

19, 76.284,
302.328

Harmonies

Complementary

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



55, 7.538, 282.449



59, 7.435, 99.913

Rectangle

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



55, 7.538, 282.449



55, 7.538, 332.449



55, 7.538, 102.449



55, 7.538, 152.449

Sweetspot

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



55, 7.537, 282.442



75, 2.514, 281.529



59, 6.407, 182.351



39, 1.901, 281.603



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



55, 7.537, 282.442



69, 11.027, 282.719



55, 9.432, 302.444



28, 3.794, 282.206



18, 72.373, 302.170



0, 2.533, 281.139

Inverse Universe

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



55, 6.658, 5.154



70, 9.767, 5.384



59, 9.235, 121.192



28, 3.343, 4.953



27, 57.676, 28.838



0, 2.206, 4.198

Previews

White Background



This preview shows how the CIELCh color 55, 7.538, 282.449 looks on a white background.

Color Contrast Check

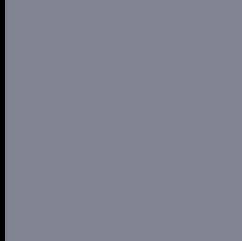
Large Text (above 18pt) WCAG AA ✓ Pass

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, 7.538, 282.449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

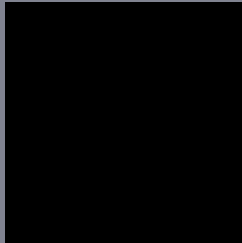
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 7.538, 282.449

Background



This preview shows how black text looks on a background with the CIELCh color 55, 7.538, 282.449.

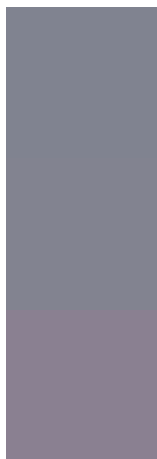


This preview shows how white text looks on a background with the CIELCh color 55, 7.538, 282.449.

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, 7.538, 282.449

Protanopia

55, 7.476, 288.180

Deuteranopia

55, 10.553, 312.562



Tritanopia
55, 5.913, 275.990

Trichromacy



Original Color

55, 7.538, 282.449

Protanomaly

55, 7.498, 285.298

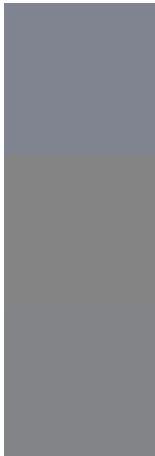
Deuteranomaly

55, 9.434, 302.895

Tritanomaly

55, 6.468, 277.403

Monochromacy



Original Color

55, 7.538, 282.449

Achromatopsia

55, 0.007, 296.813

Achromatomaly

55, 2.327, 280.858

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 7.538, 282.449 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(128, 131, 144)` looks like.

```
.text, #text, p{  
    color:rgb(128, 131, 144)  
}
```

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(128, 131, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 131, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 7.538, 282.449 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(128, 131, 144) }
```

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

```
.border{ border-color:rgb(128, 131, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 131, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 131, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 131, 144);  
box-shadow:4px 4px 4px 4px rgb(128, 131,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 7.538, 282.449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 131, 144) }
```

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

```
.background{ background-color: rgb(128,  
131, 144) }
```

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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