

Converting Colors

CIELCh(55, 8.784, 275.849)

Have a look what the booklet for
CIELCh(55, 8.784, 275.849) contains.

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Color

CIELCh(55, 8.851, 276.594)

Conversions

Conversions Part 1

Format	Color
Hex	7E8493
RGB	126, 132, 147
RGB Percent	49%, 52%, 58%
CMY	0.5071, 0.4835, 0.4247
CMYK	0.14, 0.10, 0.00, 0.42
HSL	223°, 9%, 53%
HSV	223°, 14%, 58%
XYZ	22.0120, 22.9298, 30.7421
YIQ	131.9160, -8.3910, 3.3930

Conversions

Conversions Part 2

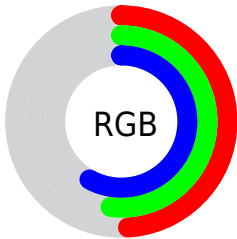
Format	Color
R_{YB}	126, 131, 147
Decimal	8291475
CIE _{Lab}	55.00, 1.02, -8.79
CIE _{LCh}	55, 8.851, 276.594
Yxy	22.9298, 0.2908, 0.3030
Android (android.graphics.Color)	4286481555 (0xFF7E8493)
YUV	131.9160, 7.4364, -5.1883
Hunter-Lab	47.8851, -1.7455, -4.5444

Details

The CIELCh color $55, 8.851, 276.594$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 8.806, 93.026$, and the grayscale version is $55, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 8.854, 277.084$, and $35, 8.384, 275.073$ is the 20% darker color. If you saturate the color by 10%, you get $51, 15.188, 278.114$, and if you desaturate by 10%, it is $59, 2.643, 275.311$.

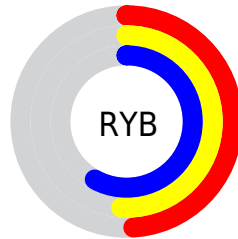
Distribution



Red (49%)

Green (52%)

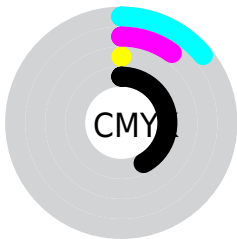
Blue (58%)



Red (49%)

Yellow (51%)

Blue (58%)

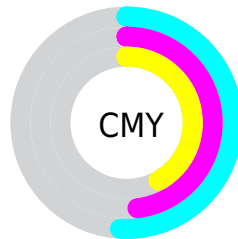


Cyan (14%)

Magenta (10%)

Yellow (0%)

Black (42%)



Cyan (51%)

Magenta (48%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 8.851, 276.594 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, 8.851, 276.594 by changing the saturation by 10% instead.

■ 55, 8.851, 276.594

■ 55, 8.851, 276.594

■ 100, 8.851,
276.594

■ 45, 8.851, 276.594

■ 75, 8.851, 276.594

■ 35, 8.851, 276.594

■ 85, 8.851, 276.594

■ 25, 8.851, 276.594

■ 95, 8.851, 276.594

■ 15, 8.851, 276.594

■ 5, 8.851, 276.594

■ 0, 8.851, 276.594

■ 55, 8.851, 276.594

■ 55, 8.851, 276.594

■ 51, 15.188,
278.114

■ 59, 2.643, 275.311

■ 63, 3.438, 94.058

47, 21.667,
279.897

67, 9.396, 93.097

43, 28.301,
281.971

71, 15.235, 92.236

39, 35.110,
284.368

75, 20.955, 91.475

35, 42.117,
287.102

79, 26.561, 90.801

31, 49.334,
290.144

83, 32.053, 90.200

87, 37.434, 89.661

28, 56.725,
293.406

91, 42.354, 90.607

24, 64.146,
296.718

23, 68.302,
298.419

Harmonies

Complementary

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



55, 8.851, 276.594



59, 8.806, 93.026

Rectangle

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



55, 8.851, 276.594



55, 8.851, 326.594



55, 8.851, 96.594



55, 8.851, 146.594

Sweetspot

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



55, 8.850, 276.588



75, 3.045, 275.287



59, 8.815, 174.701



40, 2.182, 275.364



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



55, 8.850, 276.588



69, 13.092, 277.027



54, 12.267, 299.019



29, 3.500, 275.900



21, 64.847, 298.222



1, 3.037, 274.740

Inverse Universe

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



55, 9.113, 358.277



68, 13.521, 358.612



60, 11.910, 117.049



29, 3.584, 357.735



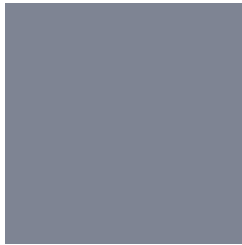
28, 55.386, 20.871



1, 3.077, 356.945

Previews

White Background



This preview shows how the CIELCh color 55, 8.851, 276.594 looks on a white background.

Color Contrast Check

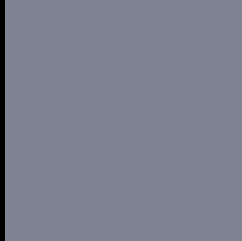
Large Text (above 18pt) WCAG AA ✓ Pass

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, 8.851, 276.594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

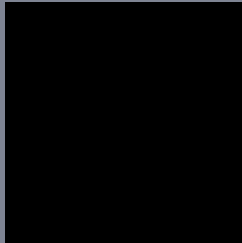
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

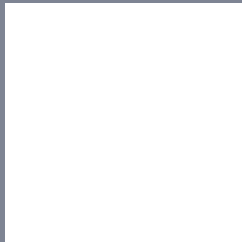
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 55, 8.851, 276.594

Background



This preview shows how black text looks on a background with the CIELCh color 55, 8.851, 276.594.

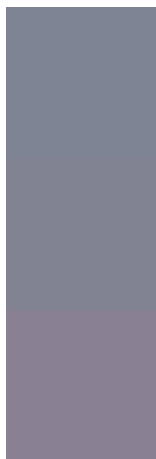


This preview shows how white text looks on a background with the CIELCh color 55, 8.851, 276.594.

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

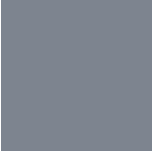
55, 8.851, 276.594

Protanopia

55, 8.622, 288.718

Deuteranopia

55, 11.507, 308.724



Tritanopia
55, 6.794, 268.119

Trichromacy



Original Color

55, 8.851, 276.594

Protanomaly

55, 8.674, 283.771

Deuteranomaly

55, 10.498, 299.676

Tritanomaly

55, 7.323, 269.989

Monochromacy



Original Color

55, 8.851, 276.594

Achromatopsia

55, 0.007, 296.813

Achromatomaly

55, 2.965, 275.405

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 8.851, 276.594 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(126, 132, 147)` looks like.

```
.text, #text, p{  
    color:rgb(126, 132, 147)  
}
```

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(126, 132, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 132, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 8.851, 276.594 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(126, 132, 147) }
```

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

```
.border{ border-color:rgb(126, 132, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 132, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 132, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 132, 147);  
box-shadow:4px 4px 4px 4px rgb(126, 132,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 8.851, 276.594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 132, 147) }
```

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

```
.background{ background-color: rgb(126,  
132, 147) }
```

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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