

Converting Colors

CIELCh(55, 30.832, 306.638)

Have a look what the booklet for
CIELCh(55, 30.832, 306.638)
contains.

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Color

CIELCh(55, 30.832, 306.638)

Conversions

Conversions Part 1

Format	Color
Hex	8F7BAF
RGB	143, 123, 175
RGB Percent	56%, 48%, 69%
CMY	0.4410, 0.5194, 0.3156
CMYK	0.18, 0.30, 0.00, 0.32
HSL	263°, 24%, 58%
HSV	263°, 30%, 68%
XYZ	25.9661, 22.9298, 43.3697
YIQ	134.9080, -4.7720, 20.4120

Conversions

Conversions Part 2

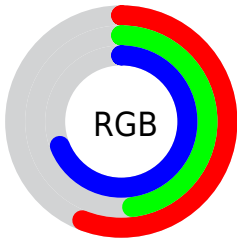
Format	Color
R_{YB}	143, 123, 175
Decimal	9403311
CIE _{Lab}	55.00, 18.40, -24.74
CIE _{LCh}	55, 30.832, 306.638
Yxy	22.9298, 0.2814, 0.2485
Android (android.graphics.Color)	4287593391 (0xFF8F7BAF)
YUV	134.9080, 19.7654, 7.0967
Hunter-Lab	47.8851, 12.9941, -20.1796

Details

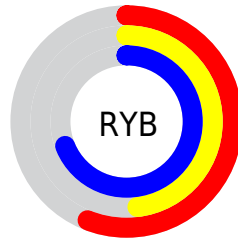
The CIELCh color $55, 30.832, 306.638$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $69, 29.274, 123.421$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 30.695, 306.189$, and $35, 30.724, 306.899$ is the 20% darker color. If you saturate the color by 10%, you get $50, 41.753, 307.322$, and if you desaturate by 10%, it is $60, 20.166, 306.004$.

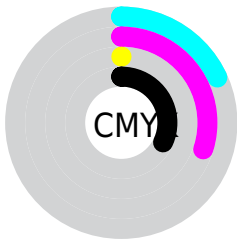
Distribution



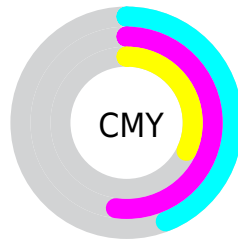
- Red (56%)
- Green (48%)
- Blue (69%)



- Red (56%)
- Yellow (48%)
- Blue (69%)



- Cyan (18%)
- Magenta (30%)
- Yellow (0%)
- Black (32%)





- Cyan (44%)
- Magenta (52%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 30.832, 306.638 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, 30.832, 306.638 by changing the saturation by 10% instead.


 55, 30.832,
306.638


 55, 30.832,
306.638


 100, 30.832,
306.638


 45, 30.832,
306.638


 75, 30.832,
306.638

 35, 30.832,
306.638

 85, 30.832,
306.638

 25, 30.832,
306.638

 95, 30.832,
306.638

 15, 30.832,
306.638

 5, 30.832, 306.638

 0, 30.832, 306.638

55, 30.832,
306.638

55, 30.832,
306.638

50, 41.753,
307.322

60, 20.166,
306.004

44, 52.816,
308.035

66, 9.813, 305.428

39, 63.792,
308.736

71, 0.211, 125.262

77, 9.905, 124.483

35, 74.273,
309.355

82, 19.279,
124.086

30, 83.613,
309.782

88, 28.347,
123.742

27, 90.944,
309.876


93, 37.126,
123.445

25, 96.035,
309.642

96, 41.701,
121.139

25, 96.147,

309.639

 97, 40.834,
115.647

Harmonies

Complementary

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



55, 30.832, 306.638



69, 29.274, 123.421

Rectangle

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



55, 30.832, 306.638



55, 30.832, 356.638



55, 30.832, 126.638



55, 30.832, 176.638

Sweetspot

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



55, 30.831, 306.638



84, 11.173, 305.394



62, 15.347, 245.761



44, 7.844, 305.473



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



55, 30.831, 306.638



66, 46.596, 307.102



58, 33.908, 322.633



34, 5.648, 305.402



20, 86.069, 309.764



1, 11.640, 302.310

Inverse Universe

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



58, 26.885, 340.276



70, 40.178, 340.919



67, 33.669, 139.521



34, 5.029, 338.558



33, 59.553, 351.062



2, 9.843, 342.598

Previews

White Background



This preview shows how the CIELCh color 55, 30.832, 306.638 looks on a white background.

Color Contrast Check

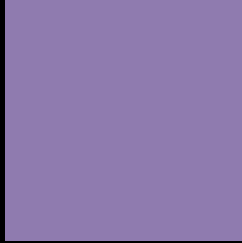
Large Text (above 18pt) WCAG AA ✓ Pass

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, 30.832, 306.638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

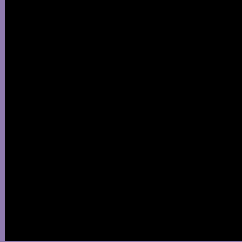
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 30.832, 306.638

Background



This preview shows how black text looks on a background with the CIELCh color 55, 30.832, 306.638.



This preview shows how white text looks on a background with the CIELCh color 55, 30.832, 306.638.

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, 30.832, 306.638

Protanopia

55, 28.877, 285.132

Deuteranopia

55, 24.767, 286.829



Tritanopia
55, 6.397, 316.001

Trichromacy



Original Color
55, 30.832, 306.638

Protanomaly
55, 29.342, 292.968

Deuteranomaly
55, 27.077, 294.795

Tritanomaly
55, 15.034, 307.736

Monochromacy



Original Color
55, 30.832, 306.638

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 11.270, 305.012

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 30.832, 306.638 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(143, 123, 175)` looks like.

```
.text, #text, p{  
    color:rgb(143, 123, 175)  
}
```

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(143, 123, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 123, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 30.832, 306.638 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(143, 123, 175) }
```

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

```
.border{ border-color:rgb(143, 123, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 123, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 123, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 123, 175);  
box-shadow:4px 4px 4px 4px rgb(143, 123,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 30.832, 306.638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 123, 175) }
```

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

```
.background{ background-color: rgb(143,  
123, 175) }
```

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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