

Converting Colors

CIELCh(55, 32.141, 310.540)

Have a look what the booklet for
CIELCh(55, 32.141, 310.540)
contains.

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Color

CIELCh(55, 31.952, 310.219)

Conversions

Conversions Part 1

Format	Color
Hex	9379AE
RGB	147, 121, 174
RGB Percent	58%, 47%, 68%
CMY	0.4236, 0.5255, 0.3177
CMYK	0.16, 0.30, 0.00, 0.32
HSL	269°, 25%, 58%
HSV	269°, 30%, 68%
XYZ	26.5058, 22.9298, 43.0678
YIQ	134.8160, -1.5170, 21.9950

Conversions

Conversions Part 2

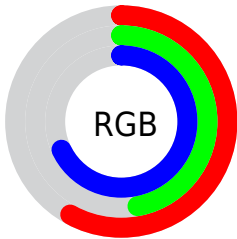
Format	Color
R _Y B	147, 121, 174
Decimal	9664942
CIE _{Lab}	55.00, 20.63, -24.40
CIE _{LCh}	55, 31.952, 310.219
Y _{xy}	22.9298, 0.2865, 0.2479
Android (android.graphics.Color)	4287855022 (0xFF9379AE)
YUV	134.8160, 19.3177, 10.6854
Hunter-Lab	47.8851, 15.0060, -19.8058

Details

The CIELCh color $55, 31.952, 310.219$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $68, 30.607, 127.333$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 31.875, 310.233$, and $35, 31.847, 310.672$ is the 20% darker color. If you saturate the color by 10%, you get $50, 42.873, 310.766$, and if you desaturate by 10%, it is $60, 21.193, 309.691$.

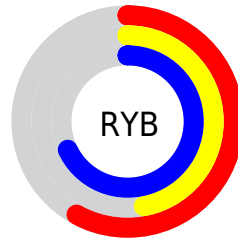
Distribution



Red (58%)

Green (47%)

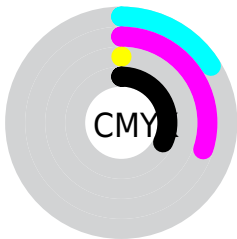
Blue (68%)



Red (58%)

Yellow (47%)

Blue (68%)

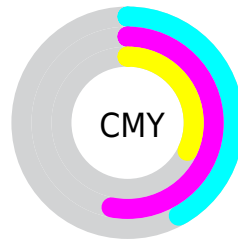


Cyan (16%)

Magenta (30%)

Yellow (0%)

Black (32%)



Cyan (42%)


Magenta (53%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 31.952, 310.219 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, 31.952, 310.219 by changing the saturation by 10% instead.


 55, 31.952,
310.219


 55, 31.952,
310.219


 100, 31.952,
310.219


 45, 31.952,
310.219


 75, 31.952,
310.219

 35, 31.952,
310.219

 85, 31.952,
310.219

 25, 31.952,
310.219

 95, 31.952,
310.219

 15, 31.952,
310.219

 5, 31.952, 310.219

 0, 31.952, 310.219

55, 31.952,
310.219

55, 31.952,
310.219

50, 42.873,
310.766

60, 21.193,
309.691

45, 53.801,
311.306

66, 10.686,
309.196

40, 64.459,
311.797

71, 0.471, 308.538

36, 74.405,
312.169

76, 9.436, 128.367

32, 83.009,
312.329

81, 19.036,
128.003


29, 89.529,
312.163

87, 28.336,
127.684

27, 93.833,
311.734

92, 37.348,
127.406

96, 43.161,
126.048

 96, 42.127,
121.877

Harmonies

Complementary

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



55, 31.952, 310.219



68, 30.607, 127.333

Rectangle

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



55, 31.952, 310.219



55, 31.952, 0.219



55, 31.952, 130.219



55, 31.952, 180.219

Sweetspot

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



55, 31.950, 310.219



84, 11.391, 309.134



60, 16.889, 258.262



44, 7.996, 309.203



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, 31.950, 310.219



66, 48.542, 310.612



58, 35.491, 325.590



34, 5.758, 309.141



23, 84.204, 311.866



1, 11.812, 305.559

Inverse Universe

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



57, 25.642, 345.913



69, 38.667, 346.729



66, 35.465, 141.950



34, 4.673, 343.859



32, 57.354, 0.375



2, 9.187, 348.296

Previews

White Background



This preview shows how the CIELCh color 55, 31.952, 310.219 looks on a white background.

Color Contrast Check

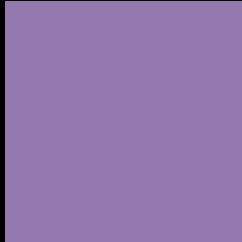
Large Text (above 18pt) WCAG AA ✓ Pass

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, 31.952, 310.219 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, 31.952, 310.219

Background



This preview shows how black text looks on a background with the CIELCh color 55, 31.952, 310.219.



This preview shows how white text looks on a background with the CIELCh color 55, 31.952, 310.219.

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, 31.952, 310.219

Protanopia

55, 29.438, 285.386

Deuteranopia

55, 24.173, 287.379



Tritanopia
55, 7.718, 332.165

Trichromacy



Original Color
55, 31.952, 310.219

Protanomaly
55, 29.350, 294.261

Deuteranomaly
55, 26.561, 296.986

Tritanomaly
55, 16.515, 316.191

Monochromacy



Original Color
55, 31.952, 310.219

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 11.476, 308.716

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 31.952, 310.219 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(147, 121, 174)` looks like.

```
.text, #text, p{  
    color:rgb(147, 121, 174)  
}
```

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(147, 121, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 121, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 31.952, 310.219 is called "border". The border property can be set on classes, ids or directly on the HTML element.

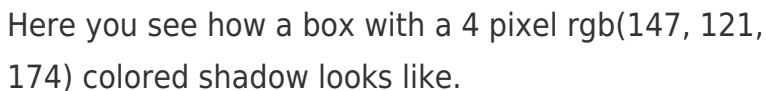
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(147, 121, 174) }
```

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

```
.border{ border-color:rgb(147, 121, 174) }
```

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



Here you see how a box with a 4 pixel `rgb(147, 121, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(147, 121, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(147, 121, 174); box-shadow:4px 4px 4px 4px rgb(147, 121, 174) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 31.952, 310.219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 121, 174) }
```

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

```
.background{ background-color: rgb(147,  
121, 174) }
```

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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