

Converting Colors

CIELCh(55, 24.127, 331.874)

Have a look what the booklet for
CIELCh(55, 24.127, 331.874)
contains.

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Color

CIELCh(55, 24.310, 331.195)

Conversions

Conversions Part 1

Format	Color
Hex	9F7798
RGB	159, 119, 152
RGB Percent	62%, 47%, 60%
CMY	0.3754, 0.5323, 0.4029
CMYK	0.00, 0.25, 0.04, 0.38
HSL	311°, 17%, 55%
HSV	311°, 25%, 62%
XYZ	26.6693, 22.9298, 32.8412
YIQ	134.7220, 13.2470, 18.7430

Conversions

Conversions Part 2

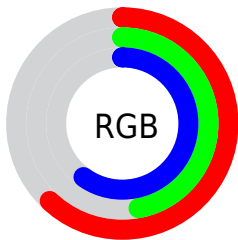
Format	Color
R_{YB}	159, 119, 152
Decimal	10450840
CIE _{Lab}	55.00, 21.30, -11.71
CIE _{LCh}	55, 24.310, 331.195
Yxy	22.9298, 0.3235, 0.2781
Android (android.graphics.Color)	4288640920 (0xFF9F7798)
YUV	134.7220, 8.5181, 21.2918
Hunter-Lab	47.8851, 15.6154, -7.1435

Details

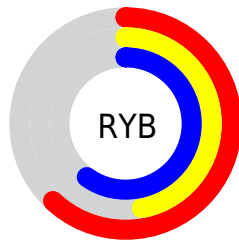
The CIELCh color $55, 24.310, 331.195$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $62, 24.226, 147.910$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 23.879, 331.416$, and $35, 24.314, 331.259$ is the 20% darker color. If you saturate the color by 10%, you get $51, 33.873, 331.838$, and if you desaturate by 10%, it is $59, 14.596, 330.564$.

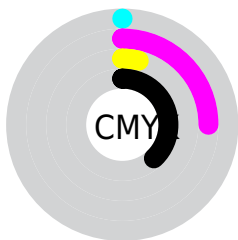
Distribution



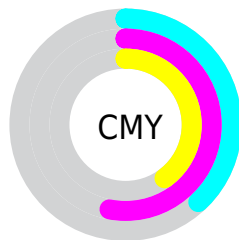
- Red (62%)
- Green (47%)
- Blue (60%)



- Red (62%)
- Yellow (47%)
- Blue (60%)



- Cyan (0%)
- Magenta (25%)
- Yellow (4%)
- Black (38%)





- Cyan (38%)
- Magenta (53%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 24.310, 331.195 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, 24.310, 331.195 by changing the saturation by 10% instead.


 55, 24.310,
331.195


 55, 24.310,
331.195


 100, 24.310,
331.195


 45, 24.310,
331.195


 75, 24.310,
331.195

 35, 24.310,
331.195

 85, 24.310,
331.195

 25, 24.310,
331.195

 95, 24.310,
331.195

 15, 24.310,
331.195

 5, 24.310, 331.195

 0, 24.310, 331.195

55, 24.310,
331.195

55, 24.310,
331.195

51, 33.873,
331.838

59, 14.596,
330.564

47, 43.041,
332.494

63, 4.914, 329.924

44, 51.480,
333.161

68, 4.623, 149.448

41, 58.795,
333.845

72, 13.945,
148.851

39, 64.575,
334.557

77, 23.014,
148.310

37, 68.487,
335.314

81, 31.814,
147.800


36, 70.419,
336.145

86, 40.343,
147.317

36, 71.029,

90, 48.609,
146.862

336.564

 93, 52.289,
147.086

Harmonies

Complementary

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



55, 24.310, 331.195



62, 24.226, 147.910

Rectangle

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



55, 24.310, 331.195



55, 24.310, 21.195



55, 24.310, 151.195



55, 24.310, 201.195

Sweetspot

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



55, 24.308, 331.195



79, 9.505, 330.125



52, 23.454, 298.804



41, 6.815, 330.217



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



55, 24.308, 331.195



67, 35.838, 331.544



54, 17.816, 356.248



31, 5.407, 330.195



32, 65.654, 336.471



1, 6.881, 330.714

Inverse Universe

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



55, 24.308, 331.195



67, 35.838, 331.544



62, 16.719, 171.323



31, 5.407, 330.195



32, 65.654, 336.471



1, 6.881, 330.714

Previews

White Background



This preview shows how the CIELCh color 55, 24.310, 331.195 looks on a white background.

Color Contrast Check

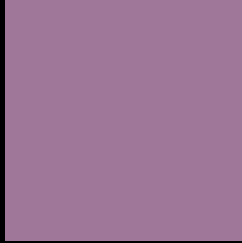
Large Text (above 18pt) WCAG AA ✓ Pass

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, 24.310, 331.195 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

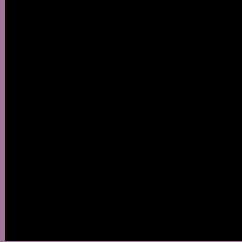
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 24.310, 331.195

Background



This preview shows how black text looks on a background with the CIELCh color 55, 24.310, 331.195.



This preview shows how white text looks on a background with the CIELCh color 55, 24.310, 331.195.

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, 24.310, 331.195

Protanopia

55, 16.740, 284.835

Deuteranopia

55, 12.964, 303.324



Tritanopia
55, 14.664, 0.635

Trichromacy



Original Color
55, 24.310, 331.195

Protanomaly
55, 17.723, 304.160

Deuteranomaly
55, 16.672, 317.407

Tritanomaly
55, 17.257, 347.208

Monochromacy



Original Color
55, 24.310, 331.195

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 9.075, 331.131

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 24.310, 331.195 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(159, 119, 152)` looks like.

```
.text, #text, p{  
    color:rgb(159, 119, 152)  
}
```

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(159, 119, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 119, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 24.310, 331.195 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(159, 119, 152) }
```

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

```
.border{ border-color:rgb(159, 119, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 119, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 119, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 119, 152);  
box-shadow:4px 4px 4px 4px rgb(159, 119,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 24.310, 331.195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 119, 152) }
```

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

```
.background{ background-color: rgb(159,  
119, 152) }
```

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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