

Converting Colors

CIELCh(55, 24.571, 331.955)

Have a look what the booklet for
CIELCh(55, 24.571, 331.955)
contains.

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Color

CIELCh(55, 24.543, 331.945)

Conversions

Conversions Part 1

Format	Color
Hex	A07798
RGB	160, 119, 152
RGB Percent	63%, 47%, 60%
CMY	0.3726, 0.5334, 0.4040
CMYK	0.00, 0.26, 0.05, 0.37
HSL	312°, 18%, 55%
HSV	312°, 26%, 63%
XYZ	26.7567, 22.9298, 32.7163
YIQ	135.0210, 13.8430, 18.9550

Conversions

Conversions Part 2

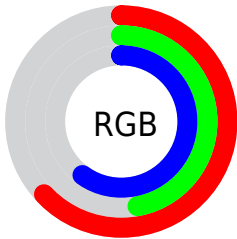
Format	Color
R_{YB}	160, 119, 152
Decimal	10516376
CIE _{Lab}	55.00, 21.66, -11.54
CIE _{LCh}	55, 24.543, 331.945
Yxy	22.9298, 0.3247, 0.2783
Android (android.graphics.Color)	4288706456 (0xFFA07798)
YUV	135.0210, 8.3706, 21.9066
Hunter-Lab	47.8851, 15.9412, -6.9889

Details

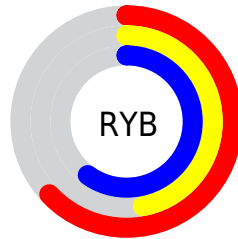
The CIELCh color $55, 24.543, 331.945$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $62, 24.440, 148.531$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 24.109, 332.121$, and $35, 24.547, 332.090$ is the 20% darker color. If you saturate the color by 10%, you get $51, 34.001, 332.609$, and if you desaturate by 10%, it is $59, 14.929, 331.298$.

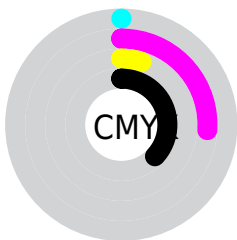
Distribution



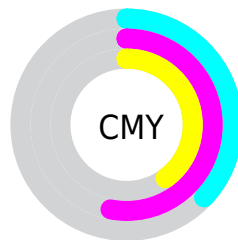
- Red (63%)
- Green (47%)
- Blue (60%)



- Red (63%)
- Yellow (47%)
- Blue (60%)



- Cyan (0%)
- Magenta (26%)
- Yellow (5%)
- Black (37%)





- Cyan (37%)
- Magenta (53%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 24.543, 331.945 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, 24.543, 331.945 by changing the saturation by 10% instead.


 55, 24.543,
331.945

 55, 24.543,
331.945


 100, 24.543,
331.945


 45, 24.543,
331.945


 75, 24.543,
331.945

 35, 24.543,
331.945

 85, 24.543,
331.945

 25, 24.543,
331.945

 95, 24.543,
331.945

 15, 24.543,
331.945

 5, 24.543, 331.945

 0, 24.543, 331.945

55, 24.543,
331.945

55, 24.543,
331.945

51, 34.001,
332.609

59, 14.929,
331.298

47, 43.056,
333.292

63, 5.342, 330.649

44, 51.371,
333.997

68, 4.103, 150.167

41, 58.547,
334.730

72, 13.336,
149.555

39, 64.172,
335.508

77, 22.318,
149.006

37, 67.915,
336.356

81, 31.034,
148.488


36, 69.690,
337.305

86, 39.482,
148.000

36, 70.203,

90, 47.668,
147.539

337.734

 93, 51.051,
147.866

Harmonies

Complementary

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



55, 24.543, 331.945



62, 24.440, 148.531

Rectangle

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



55, 24.543, 331.945



55, 24.543, 21.945



55, 24.543, 151.945



55, 24.543, 201.945

Sweetspot

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



55, 24.541, 331.945



80, 9.465, 330.818



52, 24.061, 299.430



41, 6.719, 330.911



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, 24.541, 331.945



68, 36.876, 332.340



54, 18.118, 357.456



31, 5.331, 330.889



32, 64.688, 337.623



1, 6.774, 331.493

Inverse Universe

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



55, 24.541, 331.945



68, 36.876, 332.340



63, 16.908, 172.391



31, 5.331, 330.889



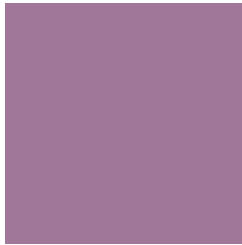
32, 64.688, 337.623



1, 6.774, 331.493

Previews

White Background



This preview shows how the CIELCh color 55, 24.543, 331.945 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, 24.543, 331.945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

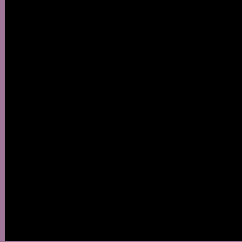
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 24.543, 331.945

Background



This preview shows how black text looks on a background with the CIELCh color 55, 24.543, 331.945.



This preview shows how white text looks on a background with the CIELCh color 55, 24.543, 331.945.

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, 24.543, 331.945

Protanopia

55, 16.707, 286.034

Deuteranopia

55, 12.403, 303.832



Tritanopia
55, 14.664, 0.635

Trichromacy



Original Color
55, 24.543, 331.945

Protanomaly
55, 17.804, 305.331

Deuteranomaly
55, 16.837, 318.604

Tritanomaly
55, 17.257, 347.208

Monochromacy



Original Color
55, 24.543, 331.945

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, 24.543, 331.945 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(160, 119, 152)` looks like.

```
.text, #text, p{  
    color:rgb(160, 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(160, 119, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 119, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 24.543, 331.945 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(160, 119, 152) }
```

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

```
.border{ border-color:rgb(160, 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(160, 119, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 119, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 119, 152);  
box-shadow:4px 4px 4px 4px rgb(160, 119,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 24.543, 331.945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 119, 152) }
```

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

```
.background{ background-color: rgb(160,  
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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