

Converting Colors

CIELCh(55, 26.437, 326.216)

Have a look what the booklet for
CIELCh(55, 26.437, 326.216)
contains.

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Color

CIELCh(55, 26.290, 326.460)

Conversions

Conversions Part 1

Format	Color
Hex	9E779D
RGB	158, 119, 157
RGB Percent	62%, 47%, 62%
CMY	0.3800, 0.5330, 0.3840
CMYK	0.00, 0.25, 0.01, 0.38
HSL	302°, 17%, 54%
HSV	302°, 25%, 62%
XYZ	26.8189, 22.9298, 34.9507
YIQ	134.9930, 11.0460, 20.0860

Conversions

Conversions Part 2

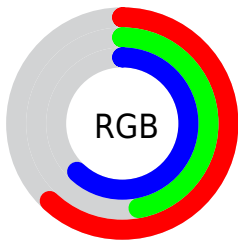
Format	Color
R _{YB}	158, 119, 157
Decimal	10385309
CIE _{Lab}	55.00, 21.91, -14.53
CIE _{LCh}	55, 26.290, 326.460
Yxy	22.9298, 0.3166, 0.2707
Android (android.graphics.Color)	4288575389 (0xFF9E779D)
YUV	134.9930, 10.8495, 20.1771
Hunter-Lab	47.8851, 16.1729, -9.7555

Details

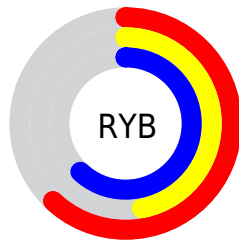
The CIELCh color $55, 26.290, 326.460$ is a dark color, and the websafe version is hex 996699 . A complement of this color would be $61, 26.274, 143.517$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $75, 26.162, 326.152$, and $35, 26.461, 326.167$ is the 20% darker color. If you saturate the color by 10%, you get $51, 36.798, 326.991$, and if you desaturate by 10%, it is $59, 15.605, 325.913$.

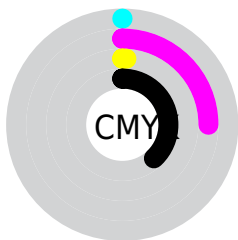
Distribution



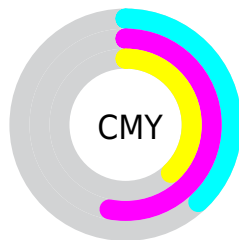
- Red (62%)
- Green (47%)
- Blue (62%)



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



- Cyan (0%)
- Magenta (25%)
- Yellow (1%)
- Black (38%)





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

Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 26.290, 326.460 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, 26.290, 326.460 by changing the saturation by 10% instead.


 55, 26.290,
326.460


 55, 26.290,
326.460


 100, 26.290,
326.460


 45, 26.290,
326.460


 75, 26.290,
326.460

 35, 26.290,
326.460

 85, 26.290,
326.460

 25, 26.290,
326.460

 95, 26.290,
326.460

 15, 26.290,
326.460

 5, 26.290, 326.460

 0, 26.290, 326.460

55, 26.290,
326.460

55, 26.290,
326.460

51, 36.798,
326.991

59, 15.605,
325.913

48, 46.871,
327.494

63, 4.942, 325.339

45, 56.164,
327.957

67, 5.572, 144.889

42, 64.284,
328.365

72, 15.855,
144.342

40, 70.834,
328.706

76, 25.861,
143.835

38, 75.511,
328.975

81, 35.566,
143.355


37, 78.216,
329.174

85, 44.965,
142.900

37, 79.256,

90, 54.063,
142.473

329.265

 92, 59.287,
142.275

Harmonies

Complementary

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



55, 26.290, 326.460



61, 26.274, 143.517

Rectangle

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



55, 26.290, 326.460



55, 26.290, 16.460



55, 26.290, 146.460



55, 26.290, 196.460

Sweetspot

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



55, 26.288, 326.460



79, 9.222, 325.489



51, 22.740, 293.575



42, 6.042, 325.520



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, 26.288, 326.460



68, 39.684, 326.777



54, 18.848, 346.762



31, 5.999, 325.610



33, 73.584, 329.256



1, 7.774, 325.298

Inverse Universe

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



55, 26.288, 326.460



68, 39.684, 326.777



62, 18.243, 162.372



31, 5.999, 325.610



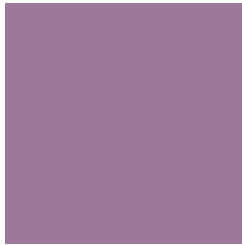
33, 73.584, 329.256



1, 7.774, 325.298

Previews

White Background



This preview shows how the CIELCh color 55, 26.290, 326.460 looks on a white background.

Color Contrast Check

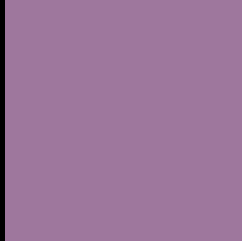
Large Text (above 18pt) WCAG AA ✓ Pass

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, 26.290, 326.460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

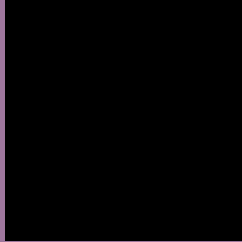
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 26.290, 326.460

Background



This preview shows how black text looks on a background with the CIELCh color 55, 26.290, 326.460.



This preview shows how white text looks on a background with the CIELCh color 55, 26.290, 326.460.

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, 26.290, 326.460

Protanopia

55, 19.608, 285.333

Deuteranopia

55, 15.059, 297.553



Tritanopia
55, 13.498, 358.609

Trichromacy



Original Color
55, 26.290, 326.460

Protanomaly
55, 20.469, 301.658

Deuteranomaly
55, 19.017, 311.604

Tritanomaly
55, 17.592, 340.884

Monochromacy



Original Color
55, 26.290, 326.460

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 9.740, 324.941

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 26.290, 326.460 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(158, 119, 157)` looks like.

```
.text, #text, p{  
    color:rgb(158, 119, 157)  
}
```

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(158, 119, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 119, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 26.290, 326.460 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(158, 119, 157) }
```

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

```
.border{ border-color:rgb(158, 119, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 119, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 119, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 119, 157);  
box-shadow:4px 4px 4px 4px rgb(158, 119,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 26.290, 326.460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 119, 157) }
```

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

```
.background{ background-color: rgb(158,  
119, 157) }
```

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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