

Converting Colors

CIELCh(63, 26.845, 310.083)

Have a look what the booklet for
CIELCh(63, 26.845, 310.083)
contains.

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Color

CIELCh(63, 26.495, 309.816)

Conversions

Conversions Part 1

Format	Color
Hex	A690BD
RGB	166, 144, 189
RGB Percent	65%, 56%, 74%
CMY	0.3503, 0.4365, 0.2601
CMYK	0.12, 0.24, 0.00, 0.26
HSL	269°, 25%, 65%
HSV	269°, 24%, 74%
XYZ	34.7371, 31.5869, 52.2269
YIQ	155.7080, -1.3330, 18.6590

Conversions

Conversions Part 2

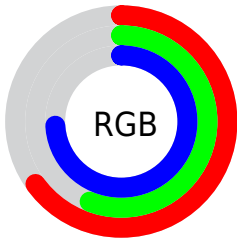
Format	Color
R_{YB}	166, 144, 189
Decimal	10916029
CIE _{Lab}	63.00, 16.97, -20.35
CIE _{LCh}	63, 26.495, 309.816
Yxy	31.5869, 0.2930, 0.2664
Android (android.graphics.Color)	4289106109 (0xFFA690BD)
YUV	155.7080, 16.4130, 9.0261
Hunter-Lab	56.2022, 11.9721, -15.7547

Details

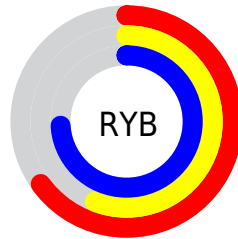
The CIELCh color $63, 26.495, 309.816$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $74, 25.624, 127.585$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 26.208, 309.607$, and $43, 26.426, 309.730$ is the 20% darker color. If you saturate the color by 10%, you get $57, 38.060, 310.357$, and if you desaturate by 10%, it is $69, 15.172, 309.305$.

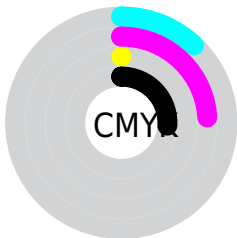
Distribution



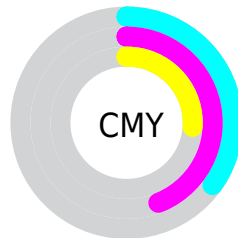
- Red (65%)
- Green (56%)
- Blue (74%)



- Red (65%)
- Yellow (56%)
- Blue (74%)



- Cyan (12%)
- Magenta (24%)
- Yellow (0%)
- Black (26%)





- Cyan (35%)
- Magenta (44%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 26.495, 309.816 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 63, 26.495, 309.816 by changing the saturation by 10% instead.


 63, 26.495,
309.816


 63, 26.495,
309.816


 100, 26.495,
309.816


 53, 26.495,
309.816


 83, 26.495,
309.816

 43, 26.495,
309.816

 93, 26.495,
309.816

 33, 26.495,
309.816

 23, 26.495,
309.816

 13, 26.495,
309.816

 3, 26.495, 309.816

 0, 26.495, 309.816

63, 26.495,
309.816

63, 26.495,
309.816

57, 38.060,
310.357

69, 15.172,
309.305

52, 49.755,
310.910

74, 4.154, 308.819

47, 61.368,
311.444

80, 6.537, 128.441

42, 72.541,
311.906

86, 16.896,
128.055

37, 82.722,
312.215

91, 26.929,
127.721

34, 91.163,
312.267

96, 35.554,
126.926


31, 97.079,
311.946

97, 34.463,
121.419

29, 99.753,

98, 33.724,
115.497

311.630

 98, 33.383,
109.285

Harmonies

Complementary

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



63, 26.495, 309.816



74, 25.624, 127.585

Rectangle

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



63, 26.495, 309.816



63, 26.495, 359.816



63, 26.495, 129.816



63, 26.495, 179.816

Sweetspot

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



63, 26.493, 309.815



92, 9.392, 308.979



67, 14.197, 257.063



48, 6.105, 309.008



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



63, 26.493, 309.815



76, 40.099, 310.117



65, 29.714, 325.256



37, 6.174, 309.086



24, 87.394, 311.781



2, 18.045, 304.606

Inverse Universe

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



64, 21.397, 345.142



79, 32.247, 345.727



72, 29.680, 142.473



37, 5.018, 343.775



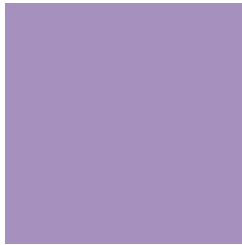
34, 59.475, 0.402



3, 14.037, 350.951

Previews

White Background



This preview shows how the CIELCh color 63, 26.495, 309.816 looks on a white background.

Color Contrast Check

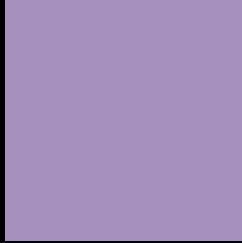
Large Text (above 18pt) WCAG AA × Fail

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 63, 26.495, 309.816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

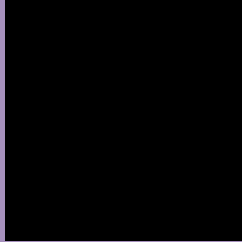
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 26.495, 309.816

Background



This preview shows how black text looks on a background with the CIELCh color 63, 26.495, 309.816.



This preview shows how white text looks on a background with the CIELCh color 63, 26.495, 309.816.

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

63, 26.495, 309.816

Protanopia

63, 24.155, 285.568

Deuteranopia

63, 21.862, 293.415



Tritanopia
63, 8.159, 324.815

Trichromacy



Original Color
63, 26.495, 309.816

Protanomaly
63, 24.706, 295.177

Deuteranomaly
63, 23.265, 300.370

Tritanomaly
63, 14.763, 315.239

Monochromacy



Original Color
63, 26.495, 309.816

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 9.472, 309.479

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 26.495, 309.816 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(166, 144, 189)` looks like.

```
.text, #text, p{  
    color:rgb(166, 144, 189)  
}
```

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(166, 144, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 144, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 26.495, 309.816 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(166, 144, 189) }
```

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

```
.border{ border-color:rgb(166, 144, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 144, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 144, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 144, 189);  
box-shadow:4px 4px 4px 4px rgb(166, 144,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 26.495, 309.816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 144, 189) }
```

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

```
.background{ background-color: rgb(166,  
144, 189) }
```

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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