

Converting Colors

CIELCh(60, 19.648, 314.866)

Have a look what the booklet for
CIELCh(60, 19.648, 314.866)
contains.

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Color

CIELCh(60, 19.776, 315.116)

Conversions

Conversions Part 1

Format	Color
Hex	9E89A9
RGB	158, 137, 169
RGB Percent	62%, 54%, 66%
CMY	0.3795, 0.4618, 0.3363
CMYK	0.07, 0.19, 0.00, 0.34
HSL	279°, 16%, 60%
HSV	279°, 19%, 66%
XYZ	30.3093, 28.1233, 41.4842
YIQ	146.9270, 2.2440, 14.4040

Conversions

Conversions Part 2

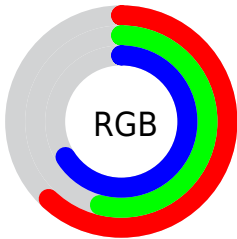
Format	Color
R_{YB}	158, 137, 169
Decimal	10389929
CIE _{Lab}	60.00, 14.01, -13.96
CIE _{LCh}	60, 19.776, 315.116
Yxy	28.1233, 0.3033, 0.2815
Android (android.graphics.Color)	4288580009 (0xFF9E89A9)
YUV	146.9270, 10.8820, 9.7110
Hunter-Lab	53.0314, 9.2137, -9.2580

Details

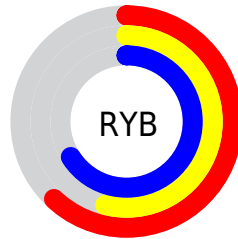
The CIELCh color $60, 19.776, 315.116$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $67, 19.451, 133.515$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 19.963, 315.616$, and $40, 19.832, 314.633$ is the 20% darker color. If you saturate the color by 10%, you get $55, 30.489, 315.555$, and if you desaturate by 10%, it is $65, 9.220, 314.681$.

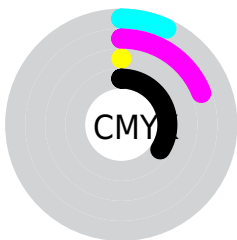
Distribution



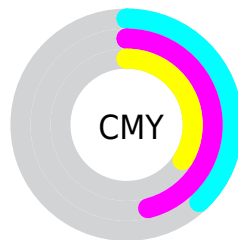
- Red (62%)
- Green (54%)
- Blue (66%)



- Red (62%)
- Yellow (54%)
- Blue (66%)



- Cyan (7%)
- Magenta (19%)
- Yellow (0%)
- Black (34%)





- Cyan (38%)
- Magenta (46%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 19.776, 315.116 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 60, 19.776, 315.116 by changing the saturation by 10% instead.


 60, 19.776,
315.116


 60, 19.776,
315.116


 100, 19.776,
315.116


 50, 19.776,
315.116


 80, 19.776,
315.116

 40, 19.776,
315.116

 90, 19.776,
315.116


 30, 19.776,
315.116

 20, 19.776,
315.116

 10, 19.776,
315.116

 0, 19.776, 315.116

 60, 19.776,

 60, 19.776,

315.116

■ 55, 30.489,
315.555

■ 50, 41.239,
315.987

■ 46, 51.826,
316.384

■ 42, 61.942,
316.709

■ 38, 71.155,
316.909

■ 35, 78.920,
316.918

■ 32, 84.680,
316.662

■ 30, 88.398,
316.141

315.116

■ 65, 9.220, 314.681

■ 70, 1.103, 134.426

■ 75, 11.157,
133.928

■ 80, 20.928,
133.576

■ 85, 30.411,
133.259

■ 90, 39.614,
132.975

■ 95, 48.141,
132.642

■ 95, 47.210,
130.439

■ 30, 88.785,
316.086

■ 95, 46.346,
128.111

Harmonies

Complementary

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



60, 19.776, 315.116



67, 19.451, 133.515

Rectangle

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



60, 19.776, 315.116



60, 19.776, 5.116



60, 19.776, 135.116



60, 19.776, 185.116

Sweetspot

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



60, 19.774, 315.115



84, 7.642, 314.557



61, 12.264, 272.422



44, 5.064, 314.584



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



60, 19.774, 315.115



74, 29.818, 315.313



61, 19.549, 329.953



33, 5.831, 314.697



26, 80.355, 316.198



1, 10.336, 311.774

Inverse Universe

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



60, 14.035, 354.829



74, 21.218, 355.350



66, 19.499, 147.596



33, 4.113, 353.797



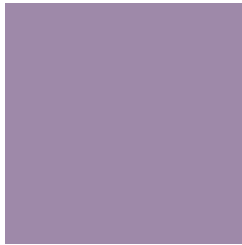
31, 57.138, 15.993



2, 7.189, 356.246

Previews

White Background



This preview shows how the CIELCh color 60, 19.776, 315.116 looks on a white background.

Color Contrast Check

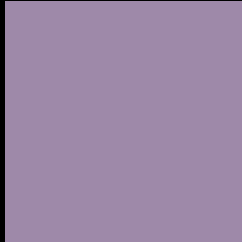
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 19.776, 315.116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

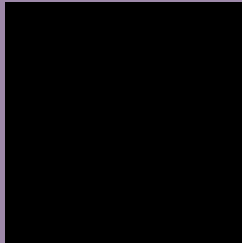
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 19.776, 315.116

Background



This preview shows how black text looks on a background with the CIELCh color 60, 19.776, 315.116.



This preview shows how white text looks on a background with the CIELCh color 60, 19.776, 315.116.

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


60, 19.776, 315.116

Protanopia

60, 17.008, 286.122

Deuteranopia

60, 15.477, 299.980



Tritanopia
60, 8.534, 333.565

Trichromacy



Original Color
60, 19.776, 315.116

Protanomaly
60, 17.634, 296.787

Deuteranomaly
60, 16.413, 306.110

Tritanomaly
60, 12.588, 322.118

Monochromacy



Original Color
60, 19.776, 315.116

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 7.465, 314.963

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 19.776, 315.116 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, 137, 169)` looks like.

```
.text, #text, p{  
    color:rgb(158, 137, 169)  
}
```

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, 137, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 137, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 19.776, 315.116 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, 137, 169) }
```

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

```
.border{ border-color:rgb(158, 137, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 137, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 137, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 137, 169);  
box-shadow:4px 4px 4px 4px rgb(158, 137,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 19.776, 315.116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 137, 169) }
```

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

```
.background{ background-color: rgb(158,  
137, 169) }
```

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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