

Converting Colors

CIELCh(60, 21.882, 311.539)

Have a look what the booklet for
CIELCh(60, 21.882, 311.539)
contains.

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Color

CIELCh(60, 21.727, 311.895)

Conversions

Conversions Part 1

Format	Color
Hex	9D89AD
RGB	157, 137, 173
RGB Percent	62%, 54%, 68%
CMY	0.3839, 0.4623, 0.3211
CMYK	0.09, 0.21, 0.00, 0.32
HSL	273°, 18%, 61%
HSV	273°, 21%, 68%
XYZ	30.4416, 28.1233, 43.4169
YIQ	147.0840, 0.3640, 15.4360

Conversions

Conversions Part 2

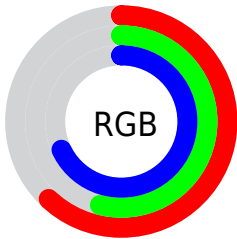
Format	Color
RYB	157, 137, 173
Decimal	10324397
CIELab	60.00, 14.51, -16.17
CIELCh	60, 21.727, 311.895
Yxy	28.1233, 0.2985, 0.2758
Android (android.graphics.Color)	4288514477 (0xFF9D89AD)
YUV	147.0840, 12.7766, 8.6963
Hunter-Lab	53.0314, 9.6593, -11.4188

Details

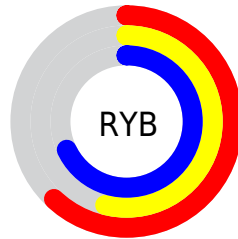
The CIELCh color $60, 21.727, 311.895$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $68, 21.200, 130.078$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 21.787, 312.496$, and $40, 21.958, 311.338$ is the 20% darker color. If you saturate the color by 10%, you get $55, 32.520, 312.376$, and if you desaturate by 10%, it is $65, 11.139, 311.432$.

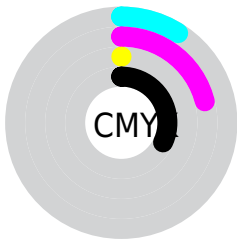
Distribution



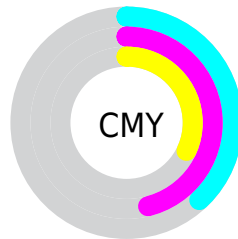
- Red (62%)
- Green (54%)
- Blue (68%)



- Red (62%)
- Yellow (54%)
- Blue (68%)



- Cyan (9%)
- Magenta (21%)
- Yellow (0%)
- Black (32%)





- Cyan (38%)
- Magenta (46%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 21.727, 311.895 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, 21.727, 311.895 by changing the saturation by 10% instead.


 60, 21.727,
311.895


 60, 21.727,
311.895


 100, 21.727,
311.895


 50, 21.727,
311.895


 80, 21.727,
311.895

 40, 21.727,
311.895

 90, 21.727,
311.895

 30, 21.727,
311.895

 20, 21.727,
311.895

 10, 21.727,
311.895

 0, 21.727, 311.895

 60, 21.727,

 60, 21.727,

311.895

55, 32.520,
312.376

50, 43.417,
312.862

45, 54.230,
313.326

41, 64.656,
313.722

36, 74.241,
313.986

33, 82.373,
314.034

30, 88.389,
313.769

28, 92.188,
313.288

311.895

65, 11.139,
311.432

70, 0.818, 310.869

76, 9.211, 130.644


81, 18.942,
130.288

86, 28.377,
129.974

91, 37.525,
129.697

95, 44.517,
128.881

96, 43.471,
125.504

 96, 42.584,
121.906

Harmonies

Complementary

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



60, 21.727, 311.895



68, 21.200, 130.078

Rectangle

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



60, 21.727, 311.895



60, 21.727, 1.895



60, 21.727, 131.895



60, 21.727, 181.895

Sweetspot

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



60, 21.725, 311.894



85, 7.600, 311.220



63, 12.326, 263.656



45, 5.038, 311.248



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



60, 21.725, 311.894



73, 32.423, 312.116



61, 23.471, 326.950



34, 5.837, 311.365



24, 83.054, 313.415



1, 11.949, 307.687

Inverse Universe

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



61, 16.660, 348.653



75, 24.840, 349.154



67, 23.448, 144.472



34, 4.478, 347.510



32, 56.952, 6.495



2, 8.868, 351.773

Previews

White Background



This preview shows how the CIELCh color 60, 21.727, 311.895 looks on a white background.

Color Contrast Check

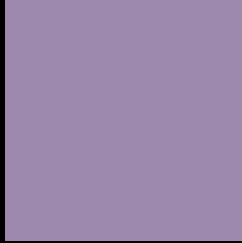
Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 21.727, 311.895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

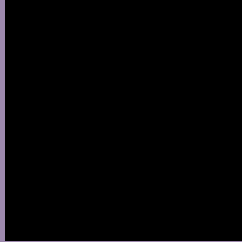
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 21.727, 311.895

Background



This preview shows how black text looks on a background with the CIELCh color 60, 21.727, 311.895.



This preview shows how white text looks on a background with the CIELCh color 60, 21.727, 311.895.

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, 21.727, 311.895

Protanopia
60, 19.276, 286.105

Deuteranopia
60, 17.634, 296.787



Tritanopia
60, 8.017, 329.430

Trichromacy



Original Color
60, 21.727, 311.895

Protanomaly
60, 19.857, 295.431

Deuteranomaly
60, 18.461, 302.291

Tritanomaly
60, 12.700, 317.806

Monochromacy



Original Color
60, 21.727, 311.895

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 7.982, 313.317

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 21.727, 311.895 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(157, 137, 173)` looks like.

```
.text, #text, p{  
    color:rgb(157, 137, 173)  
}
```

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(157, 137, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 137, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 21.727, 311.895 is called "border". The border property can be set on classes, ids or directly on the HTML element.

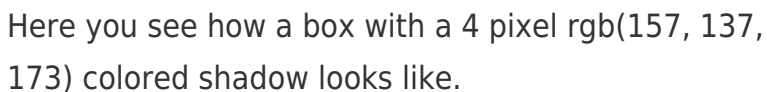
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 137, 173) }
```

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

```
.border{ border-color:rgb(157, 137, 173) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 137, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 137, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 137, 173);  
box-shadow:4px 4px 4px 4px rgb(157, 137,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 21.727, 311.895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 137, 173) }
```

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

```
.background{ background-color: rgb(157,  
137, 173) }
```

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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