

Converting Colors

CIELCh(60, 22.266, 311.758)

Have a look what the booklet for
CIELCh(60, 22.266, 311.758)
contains.

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Color

CIELCh(60, 22.254, 311.416)

Conversions

Conversions Part 1

Format	Color
Hex	9D89AE
RGB	157, 137, 174
RGB Percent	62%, 54%, 68%
CMY	0.3842, 0.4627, 0.3176
CMYK	0.10, 0.21, 0.00, 0.32
HSL	272°, 19%, 61%
HSV	272°, 21%, 68%
XYZ	30.4985, 28.1233, 43.8750
YIQ	147.1980, 0.0430, 15.7470

Conversions

Conversions Part 2

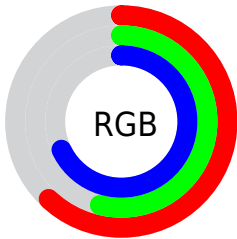
Format	Color
R _Y B	157, 137, 174
Decimal	10324398
CIE Lab	60.00, 14.72, -16.69
CIE LCh	60, 22.254, 311.416
Yxy	28.1233, 0.2976, 0.2744
Android (android.graphics.Color)	4288514478 (0xFF9D89AE)
YUV	147.1980, 13.2134, 8.5964
Hunter-Lab	53.0314, 9.8507, -11.9310

Details

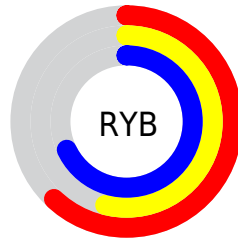
The CIELCh color $60, 22.254, 311.416$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $69, 21.681, 129.538$, and the grayscale version is $61, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 22.779, 311.564$, and $40, 22.528, 310.866$ is the 20% darker color. If you saturate the color by 10%, you get $55, 33.083, 311.907$, and if you desaturate by 10%, it is $65, 11.637, 310.945$.

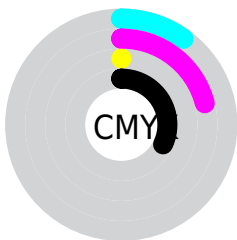
Distribution



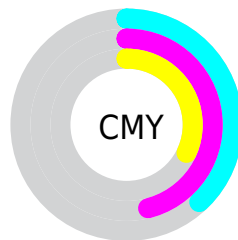
- Red (62%)
- Green (54%)
- Blue (68%)



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



- Cyan (10%)
- Magenta (21%)
- Yellow (0%)
- Black (32%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 22.254, 311.416 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, 22.254, 311.416 by changing the saturation by 10% instead.

■ 60, 22.254,
311.416

■ 60, 22.254,
311.416

■ 100, 22.254,
311.416

■ 50, 22.254,
311.416

■ 80, 22.254,
311.416

■ 40, 22.254,
311.416

■ 90, 22.254,
311.416

■ 30, 22.254,
311.416

■ 20, 22.254,
311.416

■ 10, 22.254,
311.416

■ 0, 22.254, 311.416

■ 60, 22.254,

■ 60, 22.254,

311.416

■ 55, 33.083,
311.907

■ 50, 44.024,
312.406

■ 45, 54.889,
312.883

■ 40, 65.372,
313.294

■ 36, 75.009,
313.571

■ 33, 83.176,
313.626

■ 30, 89.191,
313.359

■ 28, 92.845,
312.908

311.416

■ 65, 11.637,
310.945

■ 70, 1.292, 310.433

■ 76, 8.757, 130.145

■ 81, 18.505,
129.785

■ 86, 27.954,
129.469

■ 91, 37.115,
129.191

■ 95, 43.812,
128.237

■ 96, 42.762,
124.635

■ 97, 41.891,
120.796

Harmonies

Complementary

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



60, 22.254, 311.416



69, 21.681, 129.538

Rectangle

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



60, 22.254, 311.416



60, 22.254, 1.416



60, 22.254, 131.416



60, 22.254, 181.416

Sweetspot

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



60, 22.252, 311.415



86, 7.644, 310.710



63, 12.443, 262.034



46, 5.115, 310.739



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



60, 22.252, 311.415



73, 33.977, 311.669



62, 24.373, 326.499



34, 5.818, 310.856



24, 83.317, 313.040



1, 11.915, 307.184

Inverse Universe

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



61, 17.267, 347.812



75, 26.320, 348.369



68, 24.353, 143.977



34, 4.521, 346.638



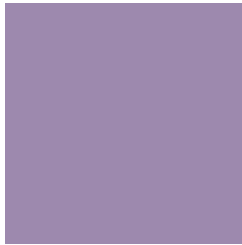
32, 56.976, 5.064



2, 8.937, 350.977

Previews

White Background



This preview shows how the CIELCh color 60, 22.254, 311.416 looks on a white background.

Color Contrast Check

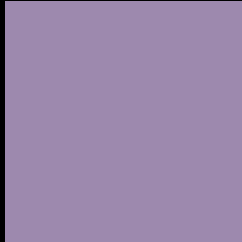
Large Text (above 18pt) WCAG AA ✓ Pass

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, 22.254, 311.416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

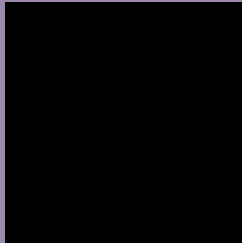
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 22.254, 311.416

Background



This preview shows how black text looks on a background with the CIELCh color 60, 22.254, 311.416.



This preview shows how white text looks on a background with the CIELCh color 60, 22.254, 311.416.

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, 22.254, 311.416

Protanopia

60, 19.835, 286.360

Deuteranopia

60, 18.196, 296.689



Tritanopia
60, 8.017, 329.430

Trichromacy



Original Color
60, 22.254, 311.416

Protanomaly
60, 20.420, 295.398

Deuteranomaly
60, 19.015, 302.023

Tritanomaly
60, 12.700, 317.806

Monochromacy



Original Color
60, 22.254, 311.416

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 8.504, 311.879

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 22.254, 311.416 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, 174)` looks like.

```
.text, #text, p{  
    color:rgb(157, 137, 174)  
}
```

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, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 137, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 22.254, 311.416 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, 174) }
```

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

```
.border{ border-color:rgb(157, 137, 174) }
```

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, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 137, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 137, 174);  
box-shadow:4px 4px 4px 4px rgb(157, 137,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 22.254, 311.416 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, 174) }
```

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

```
.background{ background-color: rgb(157,  
137, 174) }
```

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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