

Converting Colors

CIELCh(61, 14.671, 307.615)

Have a look what the booklet for
CIELCh(61, 14.671, 307.615)
contains.

CIELCh(61, 14.729, 307.660)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(61, 14.729, 307.660)

Conversions

Conversions Part 1

Format	Color
Hex	9A8FA8
RGB	154, 143, 168
RGB Percent	60%, 56%, 66%
CMY	0.3969, 0.4400, 0.3420
CMYK	0.08, 0.15, 0.00, 0.34
HSL	266°, 13%, 61%
HSV	266°, 15%, 66%
XYZ	30.1226, 29.2481, 40.9960
YIQ	149.1390, -1.4690, 10.1070

Conversions

Conversions Part 2

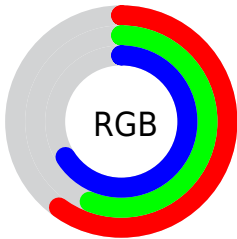
Format	Color
RYB	154, 143, 168
Decimal	10129320
CIELab	61.00, 9.00, -11.66
CIELCh	61, 14.729, 307.660
Yxy	29.2481, 0.3001, 0.2914
Android (android.graphics.Color)	4288319400 (0xFF9A8FA8)
YUV	149.1390, 9.2985, 4.2631
Hunter-Lab	54.0815, 4.7791, -7.0872

Details

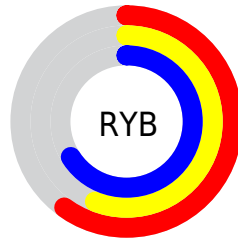
The CIELCh color $61, 14.729, 307.660$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $67, 14.397, 126.255$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 14.422, 306.910$, and $41, 14.573, 307.710$ is the 20% darker color. If you saturate the color by 10%, you get $56, 24.974, 308.207$, and if you desaturate by 10%, it is $66, 4.771, 307.150$.

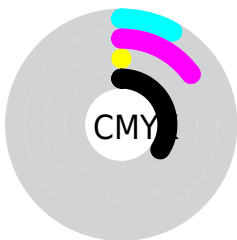
Distribution



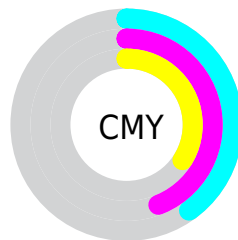
- Red (60%)
- Green (56%)
- Blue (66%)



- Red (60%)
- Yellow (56%)
- Blue (66%)



- Cyan (8%)
- Magenta (15%)
- Yellow (0%)
- Black (34%)





- Cyan (40%)
- Magenta (44%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 14.729, 307.660 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 61, 14.729, 307.660 by changing the saturation by 10% instead.


 61, 14.729,
307.660


 61, 14.729,
307.660


 100, 14.729,
307.660


 51, 14.729,
307.660

 81, 14.729,
307.660

 41, 14.729,
307.660

 91, 14.729,
307.660

 31, 14.729,
307.660

 21, 14.729,
307.660

 11, 14.729,
307.660

 1, 14.729, 307.660

 0, 14.729, 307.660

61, 14.729,
307.660

61, 14.729,
307.660

56, 24.974,
308.207

66, 4.771, 307.150

51, 35.468,
308.796

71, 4.879, 126.740

46, 46.113,
309.409

77, 14.222,
126.334

41, 56.732,
310.015

82, 23.268,
125.985

36, 67.011,
310.559

87, 32.027,
125.682

32, 76.448,
310.958

92, 40.515,
125.418

28, 84.337,
311.099

96, 45.846,
123.990

26, 89.920,

96, 44.855,
119.740

310.858

97, 44.134,
115.240

25, 92.302,
310.698

Harmonies

Complementary

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



61, 14.729, 307.660



67, 14.397, 126.255

Rectangle

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



61, 14.729, 307.660



61, 14.729, 357.660



61, 14.729, 127.660



61, 14.729, 177.660

Sweetspot

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



61, 14.727, 307.658



85, 4.843, 307.107



64, 7.833, 249.758



44, 3.439, 307.145



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



61, 14.727, 307.658



76, 22.242, 307.842



62, 16.591, 323.369



33, 5.563, 307.370



21, 84.033, 310.813



1, 9.910, 304.719

Inverse Universe

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



62, 12.457, 341.705



77, 18.771, 342.005



66, 16.544, 141.832



33, 4.719, 341.226



32, 57.470, 355.738



2, 8.090, 344.498

Previews

White Background



This preview shows how the CIELCh color 61, 14.729, 307.660 looks on a white background.

Color Contrast Check

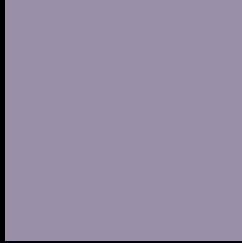
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 14.729, 307.660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

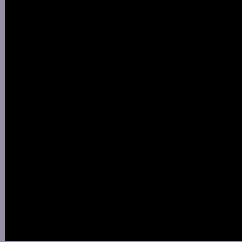
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 14.729, 307.660

Background



This preview shows how black text looks on a background with the CIELCh color 61, 14.729, 307.660.



This preview shows how white text looks on a background with the CIELCh color 61, 14.729, 307.660.

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


61, 14.729, 307.660

Protanopia

61, 13.540, 287.102

Deuteranopia

61, 14.541, 304.845



Tritanopia
61, 6.779, 313.949

Trichromacy



Original Color
61, 14.729, 307.660

Protanomaly
61, 13.563, 294.742

Deuteranomaly
61, 14.630, 306.259

Tritanomaly
61, 9.679, 311.628

Monochromacy



Original Color
61, 14.729, 307.660

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 5.309, 307.352

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 14.729, 307.660 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(154, 143, 168)` looks like.

```
.text, #text, p{  
    color:rgb(154, 143, 168)  
}
```

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(154, 143, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 143, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 14.729, 307.660 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(154, 143, 168) }
```

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

```
.border{ border-color:rgb(154, 143, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 143, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 143, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 143, 168);  
box-shadow:4px 4px 4px 4px rgb(154, 143,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 14.729, 307.660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 143, 168) }
```

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

```
.background{ background-color: rgb(154,  
143, 168) }
```

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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