

Converting Colors

CIELCh(62, 55.848, 310.285)

Have a look what the booklet for
CIELCh(62, 55.848, 310.285)
contains.

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Color

CIELCh(62, 55.674, 310.225)

Conversions

Conversions Part 1

Format	Color
Hex	AF82E2
RGB	175, 130, 226
RGB Percent	69%, 51%, 89%
CMY	0.3153, 0.4916, 0.1153
CMYK	0.23, 0.43, 0.00, 0.12
HSL	268°, 62%, 70%
HSV	268°, 43%, 88%
XYZ	39.1940, 30.4025, 75.4607
YIQ	154.3990, -3.9960, 39.3960

Conversions

Conversions Part 2

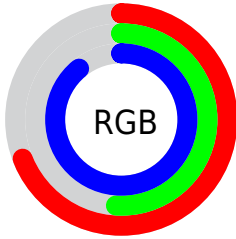
Format	Color
R_{YB}	175, 130, 226
Decimal	11502306
CIE _{Lab}	62.00, 35.95, -42.51
CIE _{LCh}	62, 55.674, 310.225
Yxy	30.4025, 0.2702, 0.2096
Android (android.graphics.Color)	4289692386 (0xFFAF82E2)
YUV	154.3990, 35.2993, 18.0671
Hunter-Lab	55.1385, 30.3905, -42.5454

Details

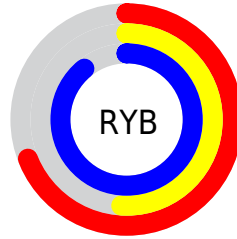
The CIELCh color `62, 55.674, 310.225` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `85, 52.069, 125.936`, and the grayscale version is `63, 0.008, 296.813`.

A 20% lighter version of the original color is `81, 41.129, 316.174`, and `42, 55.275, 310.038` is the 20% darker color. If you saturate the color by 10%, you get `56, 69.155, 310.799`, and if you desaturate by 10%, it is `68, 42.152, 309.640`.

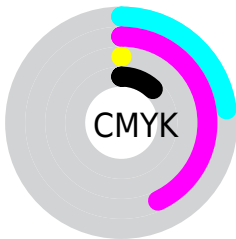
Distribution



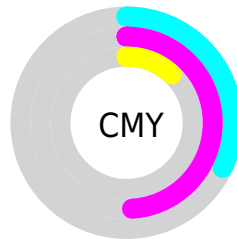
- Red (69%)
- Green (51%)
- Blue (89%)



- Red (69%)
- Yellow (51%)
- Blue (89%)



- Cyan (23%)
- Magenta (43%)
- Yellow (0%)
- Black (12%)





- Cyan (32%)
- Magenta (49%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 55.674, 310.225 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 62, 55.674, 310.225 by changing the saturation by 10% instead.


 62, 55.674,
310.225


 62, 55.674,
310.225


 100, 55.674,
310.225


 52, 55.674,
310.225


 82, 55.674,
310.225

 42, 55.674,
310.225

 92, 55.674,
310.225

 32, 55.674,
310.225

 22, 55.674,
310.225

 12, 55.674,
310.225

 2, 55.674, 310.225

 0, 55.674, 310.225

62, 55.674,
310.225

62, 55.674,
310.225

56, 69.155,
310.799

68, 42.152,
309.640

50, 82.202,
311.308

75, 28.822,
309.076

45, 94.177,
311.672

81, 15.805,
308.549

40, 104.191,
311.778

88, 3.158, 308.042

37, 111.275,
311.500

95, 9.099, 127.664

35, 114.683,
311.063

99, 15.232,
120.683

99, 14.879,
109.053

Harmonies

Complementary

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



62, 55.674, 310.225



85, 52.069, 125.936

Rectangle

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



62, 55.674, 310.225



62, 55.674, 0.225



62, 55.674, 130.225



62, 55.674, 180.225

Sweetspot

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



62, 55.672, 310.225



91, 18.115, 308.577



72, 28.259, 259.124



47, 12.717, 308.691



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 55.672, 310.225



64, 74.118, 310.733



67, 60.303, 325.719



44, 7.095, 308.393



27, 95.067, 311.247



4, 33.262, 309.126

Inverse Universe

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



66, 44.666, 346.151



69, 58.450, 347.344



82, 60.305, 140.418



44, 5.869, 342.724



38, 64.605, 358.899



6, 26.774, 352.400

Previews

White Background



This preview shows how the CIELCh color 62, 55.674, 310.225 looks on a white background.

Color Contrast Check

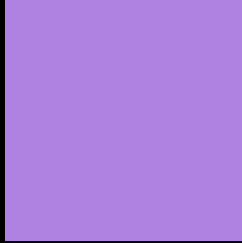
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 62, 55.674, 310.225 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

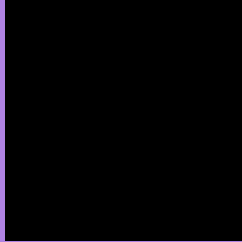
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 55.674, 310.225

Background



This preview shows how black text looks on a background with the CIELCh color 62, 55.674, 310.225.

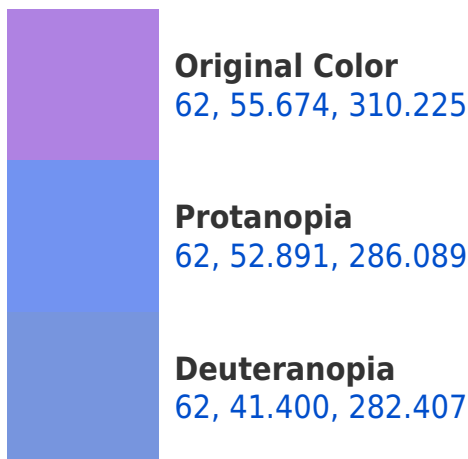


This preview shows how white text looks on a background with the CIELCh color 62, 55.674, 310.225.

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





Tritanopia
62, 9.313, 338.898

Trichromacy



Original Color
62, 55.674, 310.225

Protanomaly
62, 52.697, 294.081

Deuteranomaly
62, 45.473, 293.810

Tritanomaly
62, 25.792, 315.644

Monochromacy



Original Color
62, 55.674, 310.225

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 20.558, 308.500

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 55.674, 310.225 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(175, 130, 226)` looks like.

```
.text, #text, p{  
    color:rgb(175, 130, 226)  
}
```

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(175, 130, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 130, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 55.674, 310.225 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(175, 130, 226) }
```

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

```
.border{ border-color:rgb(175, 130, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 130, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 130, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 130, 226);  
box-shadow:4px 4px 4px 4px rgb(175, 130,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 55.674, 310.225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 130, 226) }
```

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

```
.background{ background-color: rgb(175,  
130, 226) }
```

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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