

Converting Colors

CIELCh(62, 34.697, 306.083)

Have a look what the booklet for
CIELCh(62, 34.697, 306.083)
contains.

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Color

CIELCh(62, 34.657, 306.074)

Conversions

Conversions Part 1

Format	Color
Hex	A28CC8
RGB	162, 140, 200
RGB Percent	64%, 55%, 78%
CMY	0.3666, 0.4528, 0.2176
CMYK	0.19, 0.30, 0.00, 0.22
HSL	262°, 35%, 66%
HSV	262°, 30%, 78%
XYZ	34.4845, 30.4025, 58.3964
YIQ	153.4180, -6.1480, 23.3240

Conversions

Conversions Part 2

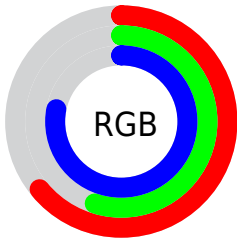
Format	Color
R_{YB}	162, 140, 200
Decimal	10652872
CIE _{Lab}	62.00, 20.41, -28.01
CIE _{LCh}	62, 34.657, 306.074
Yxy	30.4025, 0.2797, 0.2466
Android (android.graphics.Color)	4288842952 (0xFFA28CC8)
YUV	153.4180, 22.9649, 7.5264
Hunter-Lab	55.1385, 15.1443, -24.1963

Details

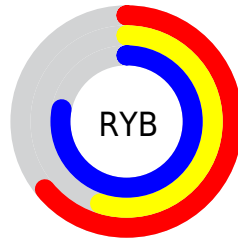
The CIELCh color $62, 34.657, 306.074$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $78, 32.818, 122.699$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 33.480, 306.603$, and $42, 34.570, 305.722$ is the 20% darker color. If you saturate the color by 10%, you get $56, 46.848, 306.796$, and if you desaturate by 10%, it is $68, 22.763, 305.408$.

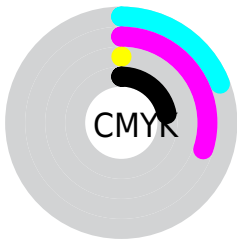
Distribution



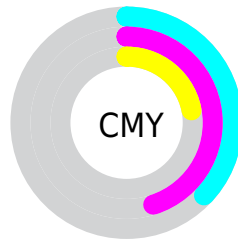
- Red (64%)
- Green (55%)
- Blue (78%)



- Red (64%)
- Yellow (55%)
- Blue (78%)



- Cyan (19%)
- Magenta (30%)
- Yellow (0%)
- Black (22%)





- Cyan (37%)
- Magenta (45%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 34.657, 306.074 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, 34.657, 306.074 by changing the saturation by 10% instead.


 62, 34.657,
306.074


 62, 34.657,
306.074


 100, 34.657,
306.074


 52, 34.657,
306.074


 82, 34.657,
306.074

 42, 34.657,
306.074

 92, 34.657,
306.074

 32, 34.657,
306.074

 22, 34.657,
306.074

 12, 34.657,
306.074

 2, 34.657, 306.074

 0, 34.657, 306.074

62, 34.657,
306.074

62, 34.657,
306.074

56, 46.848,
306.796

68, 22.763,
305.408

50, 59.209,
307.552

74, 11.228,
304.806

44, 71.474,
308.300

80, 0.071, 303.269

39, 83.165,
308.961

87, 10.711,
123.821

35, 93.514,
309.418

93, 21.131,
123.410

31, 101.496,
309.518

98, 28.823,
121.240

28, 106.710,
309.244

98, 28.056,
111.901

99, 27.977,
108.052

Harmonies

Complementary

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



62, 34.657, 306.074



78, 32.818, 122.699

Rectangle

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



62, 34.657, 306.074



62, 34.657, 356.074



62, 34.657, 126.074



62, 34.657, 176.074

Sweetspot

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



62, 34.655, 306.074



93, 12.246, 304.753



71, 16.985, 241.393



49, 8.530, 304.838



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, 34.655, 306.074



73, 51.139, 306.535



65, 37.854, 321.658



39, 6.309, 304.768



22, 91.763, 309.393



2, 21.946, 301.490

Inverse Universe

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



65, 30.622, 339.464



78, 44.672, 340.059



76, 37.492, 138.602



39, 5.706, 337.752



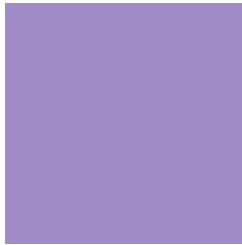
36, 63.710, 349.802



4, 19.491, 344.703

Previews

White Background



This preview shows how the CIELCh color 62, 34.657, 306.074 looks on a white background.

Color Contrast Check

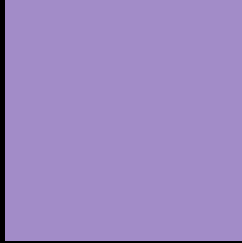
Large Text (above 18pt) WCAG AA × Fail

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, 34.657, 306.074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

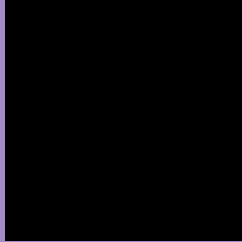
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 34.657, 306.074

Background



This preview shows how black text looks on a background with the CIELCh color 62, 34.657, 306.074.



This preview shows how white text looks on a background with the CIELCh color 62, 34.657, 306.074.

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


62, 34.657, 306.074

Protanopia

62, 32.703, 285.327

Deuteranopia

62, 28.140, 286.504



Tritanopia
62, 7.280, 312.218

Trichromacy



Original Color
62, 34.657, 306.074

Protanomaly
62, 33.132, 292.586

Deuteranomaly
62, 30.363, 294.660

Tritanomaly
62, 17.603, 307.557

Monochromacy



Original Color
62, 34.657, 306.074

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 12.735, 304.860

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 34.657, 306.074 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(162, 140, 200)` looks like.

```
.text, #text, p{  
    color:rgb(162, 140, 200)  
}
```

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(162, 140, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 140, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 34.657, 306.074 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(162, 140, 200) }
```

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

```
.border{ border-color:rgb(162, 140, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 140, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 140, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 140, 200);  
box-shadow:4px 4px 4px 4px rgb(162, 140,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 34.657, 306.074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 140, 200) }
```

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

```
.background{ background-color: rgb(162,  
140, 200) }
```

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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