

Converting Colors

CIELCh(62, 43.626, 314.146)

Have a look what the booklet for
CIELCh(62, 43.626, 314.146)
contains.

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Color

CIELCh(62, 43.626, 314.146)

Conversions

Conversions Part 1

Format	Color
Hex	B185CE
RGB	177, 133, 206
RGB Percent	69%, 52%, 81%
CMY	0.3075, 0.4799, 0.1938
CMYK	0.14, 0.35, 0.00, 0.19
HSL	276°, 42%, 66%
HSV	276°, 35%, 81%
XYZ	37.4608, 30.4025, 62.0189
YIQ	154.4780, 2.7910, 32.0310

Conversions

Conversions Part 2

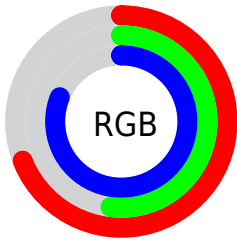
Format	Color
RYB	177, 133, 206
Decimal	11634126
CIELab	62.00, 30.39, -31.30
CIELCh	62, 43.626, 314.146
Yxy	30.4025, 0.2884, 0.2341
Android (android.graphics.Color)	4289824206 (0xFFB185CE)
YUV	154.4780, 25.4003, 19.7518
Hunter-Lab	55.1385, 24.7796, -28.0915

Details

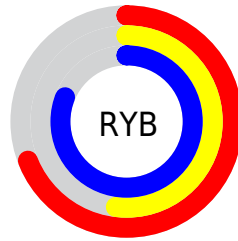
The CIELCh color $62, 43.626, 314.146$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $78, 42.004, 130.932$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 39.486, 316.603$, and $42, 43.119, 314.073$ is the 20% darker color. If you saturate the color by 10%, you get $56, 56.125, 314.593$, and if you desaturate by 10%, it is $68, 31.082, 313.682$.

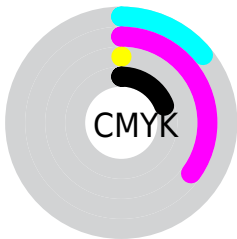
Distribution



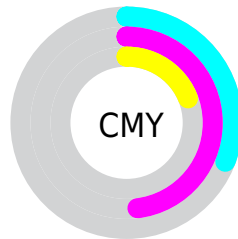
- Red (69%)
- Green (52%)
- Blue (81%)



- Red (69%)
- Yellow (52%)
- Blue (81%)



- Cyan (14%)
- Magenta (35%)
- Yellow (0%)
- Black (19%)




- Cyan (31%)
- Magenta (48%)
- Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 43.626, 314.146 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, 43.626, 314.146 by changing the saturation by 10% instead.


 62, 43.626,
314.146


 62, 43.626,
314.146


 100, 43.626,
314.146


 52, 43.626,
314.146


 82, 43.626,
314.146

 42, 43.626,
314.146

 92, 43.626,
314.146

 32, 43.626,
314.146

 22, 43.626,
314.146

 12, 43.626,
314.146

 2, 43.626, 314.146

 0, 43.626, 314.146

62, 43.626,
314.146

62, 43.626,
314.146

56, 56.125,
314.593

68, 31.082,
313.682

51, 68.280,
314.985

74, 18.688,
313.223

46, 79.626,
315.270

79, 6.548, 312.775

42, 89.528,
315.373

85, 5.280, 132.425

39, 97.251,
315.208

91, 16.771,
132.037

36, 102.190,
314.695

97, 27.348,
131.457

35, 103.843,
314.403

97, 26.258,
125.629

98, 25.469,
119.259

■ 99, 25.028,
112.474

Harmonies

Complementary

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



62, 43.626, 314.146



78, 42.004, 130.932

Rectangle

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



62, 43.626, 314.146



62, 43.626, 4.146



62, 43.626, 134.146



62, 43.626, 184.146

Sweetspot

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



62, 43.624, 314.146



92, 15.721, 313.028



66, 25.627, 271.312



48, 10.580, 313.089



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, 43.624, 314.146



71, 63.165, 314.508



65, 44.323, 329.335



40, 6.749, 312.950



28, 88.369, 314.570



3, 25.137, 310.701

Inverse Universe

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



64, 32.250, 353.410



73, 46.566, 354.610



77, 44.323, 144.590



40, 4.975, 350.377



35, 61.408, 11.458



4, 19.072, 359.685

Previews

White Background



This preview shows how the CIELCh color 62, 43.626, 314.146 looks on a white background.

Color Contrast Check

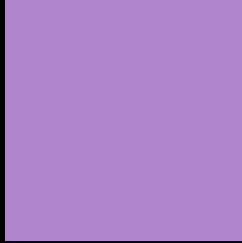
Large Text (above 18pt) WCAG AA × Fail

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, 43.626, 314.146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

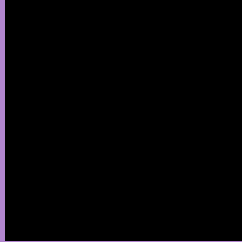
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 43.626, 314.146

Background



This preview shows how black text looks on a background with the CIELCh color 62, 43.626, 314.146.

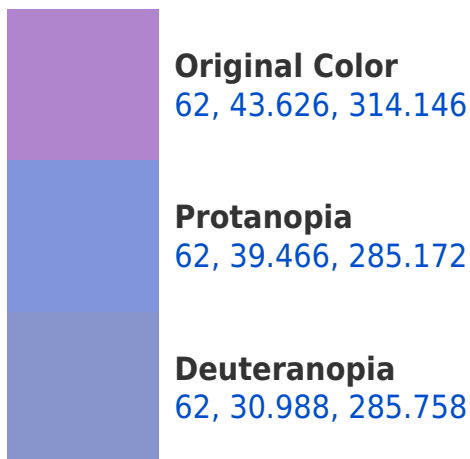


This preview shows how white text looks on a background with the CIELCh color 62, 43.626, 314.146.

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, 11.522, 348.312

Trichromacy



Original Color
62, 43.626, 314.146

Protanomaly
62, 39.950, 295.739

Deuteranomaly
62, 35.038, 298.154

Tritanomaly
62, 22.539, 323.835

Monochromacy



Original Color
62, 43.626, 314.146

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 16.321, 312.887

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 43.626, 314.146 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(177, 133, 206)` looks like.

```
.text, #text, p{  
    color:rgb(177, 133, 206)  
}
```

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(177, 133, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 133, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 43.626, 314.146 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(177, 133, 206) }
```

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

```
.border{ border-color:rgb(177, 133, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 133, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 133, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 133, 206); box-shadow:4px 4px 4px 4px rgb(177, 133, 206) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 43.626, 314.146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 133, 206) }
```

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

```
.background{ background-color: rgb(177,  
133, 206) }
```

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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