

Converting Colors

CIELCh(62, 55.962, 317.124)

Have a look what the booklet for
CIELCh(62, 55.962, 317.124)
contains.

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Color

CIELCh(62, 55.861, 317.176)

Conversions

Conversions Part 1

Format	Color
Hex	BD7DDA
RGB	189, 125, 218
RGB Percent	74%, 49%, 85%
CMY	0.2602, 0.5111, 0.1465
CMYK	0.13, 0.43, 0.00, 0.15
HSL	281°, 55%, 67%
HSV	281°, 43%, 85%
XYZ	40.8006, 30.4025, 69.8058
YIQ	154.7380, 8.2910, 42.4910

Conversions

Conversions Part 2

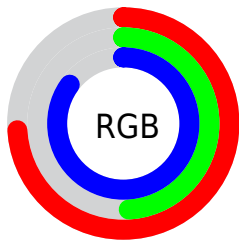
Format	Color
RYB	189, 125, 218
Decimal	12418522
CIELab	62.00, 40.97, -37.97
CIELCh	62, 55.861, 317.176
Yxy	30.4025, 0.2893, 0.2156
Android (android.graphics.Color)	4290608602 (0xFFBD7DDA)
YUV	154.7380, 31.1882, 30.0478
Hunter-Lab	55.1385, 35.5917, -36.4647

Details

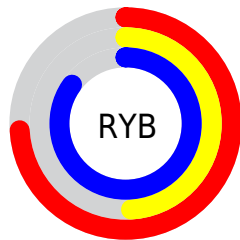
The CIELCh color `62, 55.861, 317.176` is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be `81, 54.033, 133.234`, and the grayscale version is `64, 0.008, 296.813`.

A 20% lighter version of the original color is `81, 46.312, 323.006`, and `42, 56.026, 317.130` is the 20% darker color. If you saturate the color by 10%, you get `57, 68.589, 317.537`, and if you desaturate by 10%, it is `68, 42.711, 316.760`.

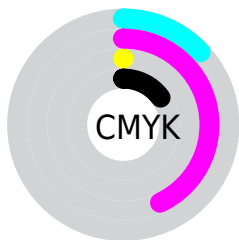
Distribution



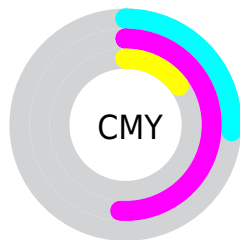
- Red (74%)
- Green (49%)
- Blue (85%)



- Red (74%)
- Yellow (49%)
- Blue (85%)



- Cyan (13%)
- Magenta (43%)
- Yellow (0%)
- Black (15%)





- Cyan (26%)
- Magenta (51%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 55.861, 317.176 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, 55.861, 317.176 by changing the saturation by 10% instead.


 62, 55.861,
317.176


 62, 55.861,
317.176


 100, 55.861,
317.176


 52, 55.861,
317.176


 82, 55.861,
317.176

 42, 55.861,
317.176

 92, 55.861,
317.176

 32, 55.861,
317.176

 22, 55.861,
317.176

 12, 55.861,
317.176

 2, 55.861, 317.176

 0, 55.861, 317.176

62, 55.861,
317.176

62, 55.861,
317.176

57, 68.589,
317.537

68, 42.711,
316.760

52, 80.427,
317.798

73, 29.469,
316.320

48, 90.751,
317.899

79, 16.342,
315.878

44, 98.863,
317.771

85, 3.457, 315.414

42, 104.190,
317.351

91, 9.117, 135.091

40, 106.555,
316.887

97, 21.184,
134.644

98, 20.189,
128.557

98, 19.448,
121.824

■ 99, 19.003,
114.577

Harmonies

Complementary

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



62, 55.861, 317.176



81, 54.033, 133.234

Rectangle

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



62, 55.861, 317.176



62, 55.861, 7.176



62, 55.861, 137.176



62, 55.861, 187.176

Sweetspot

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



62, 55.859, 317.176



91, 19.007, 315.896



64, 36.117, 279.731



47, 13.330, 315.994



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, 55.859, 317.176



67, 75.537, 317.496



65, 52.359, 332.707



43, 7.316, 315.734



32, 89.855, 317.036



4, 32.725, 316.879

Inverse Universe

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



63, 39.422, 0.439



68, 53.504, 2.131



80, 52.318, 146.371



43, 5.034, 355.977



36, 65.217, 19.739



6, 23.931, 6.316

Previews

White Background



This preview shows how the CIELCh color 62, 55.861, 317.176 looks on a white background.

Color Contrast Check

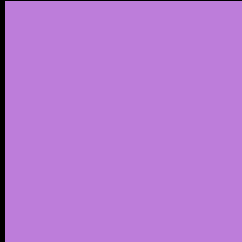
Large Text (above 18pt) WCAG AA × Fail

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, 55.861, 317.176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

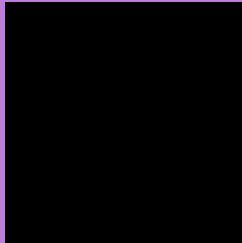
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 55.861, 317.176

Background



This preview shows how black text looks on a background with the CIELCh color 62, 55.861, 317.176.

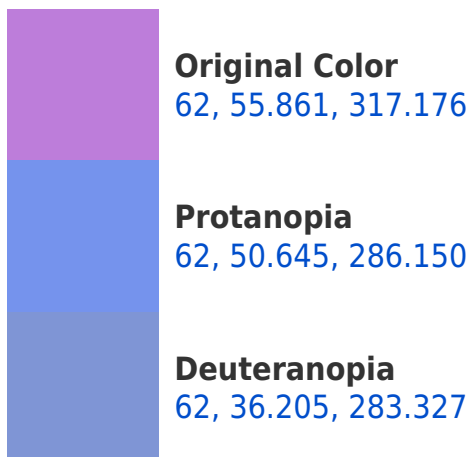


This preview shows how white text looks on a background with the CIELCh color 62, 55.861, 317.176.

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, 16.001, 0.735

Trichromacy



Original Color
62, 55.861, 317.176



Protanomaly
62, 51.159, 296.795



Deuteranomaly
62, 42.345, 298.429



Tritanomaly
62, 29.030, 330.282

Monochromacy



Original Color
62, 55.861, 317.176



Achromatopsia
64, 0.008, 296.813



Achromatomaly
63, 21.084, 316.719

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 55.861, 317.176 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(189, 125, 218)` looks like.

```
.text, #text, p{  
    color:rgb(189, 125, 218)  
}
```

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(189, 125, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 125, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 55.861, 317.176 is called "border". The border property can be set on classes, ids or directly on the HTML element.

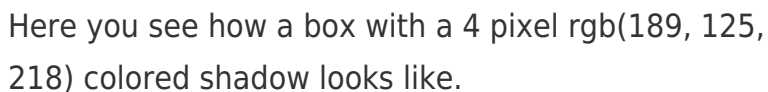
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 125, 218) }
```

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

```
.border{ border-color:rgb(189, 125, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(189, 125, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 125, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 125, 218); box-shadow:4px 4px 4px 4px rgb(189, 125, 218) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 55.861, 317.176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 125, 218) }
```

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

```
.background{ background-color: rgb(189,  
125, 218) }
```

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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