

Converting Colors

CIELCh(62, 40.790, 317.610)

Have a look what the booklet for
CIELCh(62, 40.790, 317.610)
contains.

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Color

CIELCh(62, 41.109, 317.687)

Conversions

Conversions Part 1

Format	Color
Hex	B484C7
RGB	180, 132, 199
RGB Percent	71%, 52%, 78%
CMY	0.2934, 0.4817, 0.2189
CMYK	0.10, 0.34, 0.00, 0.22
HSL	283°, 38%, 65%
HSV	283°, 34%, 78%
XYZ	37.4652, 30.4025, 58.0328
YIQ	153.9900, 7.1010, 31.0130

Conversions

Conversions Part 2

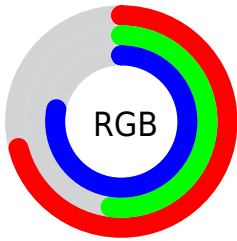
Format	Color
R _Y B	180, 132, 199
Decimal	11830471
CIE Lab	62.00, 30.40, -27.67
CIE LCh	62, 41.109, 317.687
Yxy	30.4025, 0.2976, 0.2415
Android (android.graphics.Color)	4290020551 (0xFFB484C7)
YUV	153.9900, 22.1899, 22.8108
Hunter-Lab	55.1385, 24.7937, -23.8053

Details

The CIELCh color `62, 41.109, 317.687` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `76, 40.162, 134.602`, and the grayscale version is `64, 0.008, 296.813`.

A 20% lighter version of the original color is `82, 40.501, 318.134`, and `42, 40.880, 317.478` is the 20% darker color. If you saturate the color by 10%, you get `57, 53.331, 318.092`, and if you desaturate by 10%, it is `67, 28.742, 317.254`.

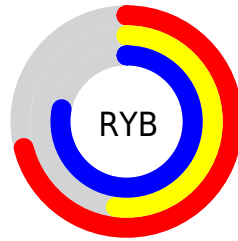
Distribution



Red (71%)

Green (52%)

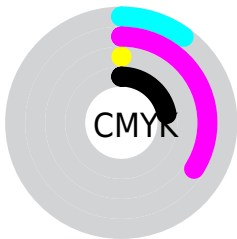
Blue (78%)



Red (71%)

Yellow (52%)

Blue (78%)

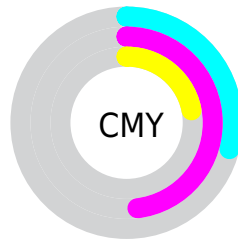


Cyan (10%)

Magenta (34%)

Yellow (0%)

Black (22%)



Cyan (29%)


Magenta (48%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 41.109, 317.687 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, 41.109, 317.687 by changing the saturation by 10% instead.


 62, 41.109,
317.687


 62, 41.109,
317.687


 100, 41.109,
317.687


 52, 41.109,
317.687


 82, 41.109,
317.687

 42, 41.109,
317.687

 92, 41.109,
317.687

 32, 41.109,
317.687

 22, 41.109,
317.687

 12, 41.109,
317.687

 2, 41.109, 317.687

 0, 41.109, 317.687

62, 41.109,
317.687

62, 41.109,
317.687

57, 53.331,
318.092

67, 28.742,
317.254

52, 65.093,
318.437

73, 16.446,
316.815

48, 75.942,
318.678

78, 4.350, 316.360

44, 85.299,
318.762

84, 7.471, 136.024

41, 92.546,
318.624

89, 18.978,
135.633

39, 97.209,
318.211

95, 30.155,
135.282

38, 99.146,
317.842

96, 31.214,
132.564

97, 30.375,
129.151

■ 97, 29.650,
125.508

Harmonies

Complementary

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



62, 41.109, 317.687



76, 40.162, 134.602

Rectangle

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



62, 41.109, 317.687



62, 41.109, 7.687



62, 41.109, 137.687



62, 41.109, 187.687

Sweetspot

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



62, 41.107, 317.687



93, 14.681, 316.661



63, 26.786, 278.928



49, 10.030, 316.724



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, 41.107, 317.687



74, 59.772, 317.973



64, 38.291, 332.695



39, 6.799, 316.627



30, 85.457, 317.973



3, 23.677, 314.669

Inverse Universe

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



62, 28.410, 0.959



74, 41.578, 2.075



75, 38.137, 147.907



39, 4.580, 357.937



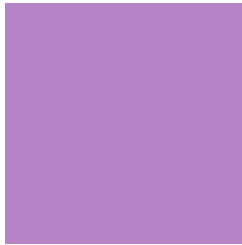
34, 63.098, 21.993



4, 16.454, 5.041

Previews

White Background



This preview shows how the CIELCh color 62, 41.109, 317.687 looks on a white background.

Color Contrast Check

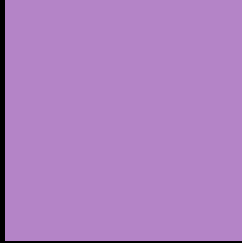
Large Text (above 18pt) WCAG AA × Fail

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, 41.109, 317.687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

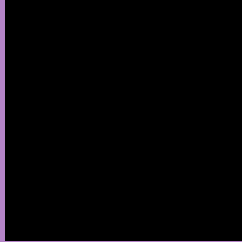
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 41.109, 317.687

Background



This preview shows how black text looks on a background with the CIELCh color 62, 41.109, 317.687.

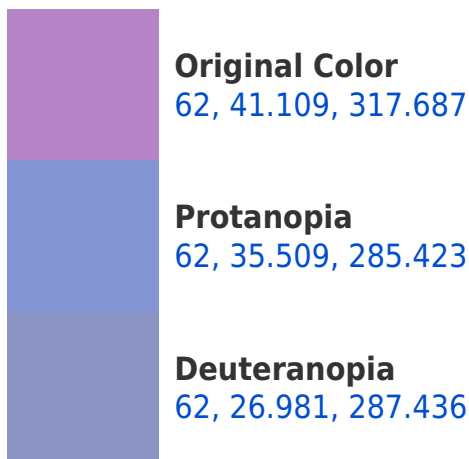



This preview shows how white text looks on a background with the CIELCh color 62, 41.109, 317.687.

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, 13.596, 353.983

Trichromacy



Original Color
62, 41.109, 317.687

Protanomaly
62, 36.679, 297.577

Deuteranomaly
62, 31.339, 301.500

Tritanomaly
62, 22.931, 330.390

Monochromacy



Original Color
62, 41.109, 317.687

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 15.094, 317.879

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 41.109, 317.687 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(180, 132, 199)` looks like.

```
.text, #text, p{  
    color:rgb(180, 132, 199)  
}
```

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(180, 132, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 132, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 41.109, 317.687 is called "border". The border property can be set on classes, ids or directly on the HTML element.

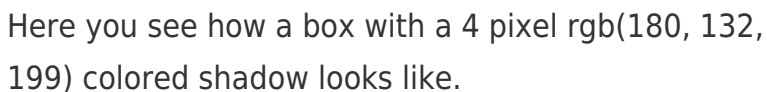
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(180, 132, 199) }
```

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

```
.border{ border-color:rgb(180, 132, 199) }
```

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



Here you see how a box with a 4 pixel `rgb(180, 132, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 132, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 132, 199); box-shadow:4px 4px 4px 4px rgb(180, 132, 199) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 41.109, 317.687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 132, 199) }
```

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

```
.background{ background-color: rgb(180,  
132, 199) }
```

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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