

Converting Colors

CIELCh(62, 41.172, 332.193)

Have a look what the booklet for
CIELCh(62, 41.172, 332.193)
contains.

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Color

CIELCh(62, 41.061, 332.228)

Conversions

Conversions Part 1

Format	Color
Hex	C57EB8
RGB	197, 126, 184
RGB Percent	77%, 49%, 72%
CMY	0.2260, 0.5045, 0.2770
CMYK	0.00, 0.36, 0.07, 0.23
HSL	311°, 38%, 63%
HSV	311°, 36%, 77%
XYZ	39.3134, 30.4025, 49.3371
YIQ	153.8410, 23.6980, 33.0900

Conversions

Conversions Part 2

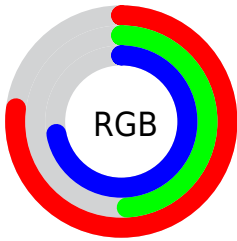
Format	Color
R_{YB}	197, 126, 184
Decimal	12943032
CIE _{Lab}	62.00, 36.33, -19.13
CIE _{LCh}	62, 41.061, 332.228
Yxy	30.4025, 0.3302, 0.2554
Android (android.graphics.Color)	4291133112 (0xFFC57EB8)
YUV	153.8410, 14.8684, 37.8504
Hunter-Lab	55.1385, 30.7769, -14.4549

Details

The CIELCh color $62, 41.061, 332.228$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $74, 40.942, 147.117$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 40.980, 332.435$, and $42, 41.172, 332.193$ is the 20% darker color. If you saturate the color by 10%, you get $58, 51.815, 332.907$, and if you desaturate by 10%, it is $67, 29.773, 331.565$.

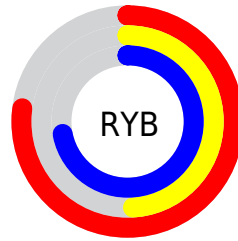
Distribution



Red (77%)

Green (49%)

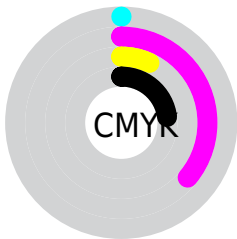
Blue (72%)



Red (77%)

Yellow (49%)

Blue (72%)

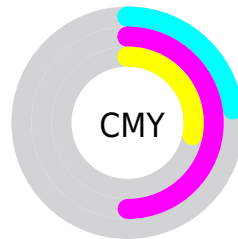


Cyan (0%)

Magenta (36%)

Yellow (7%)

Black (23%)



Cyan (23%)


Magenta (50%)

Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 41.061, 332.228 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, 41.061, 332.228 by changing the saturation by 10% instead.


 62, 41.061,
332.228


 62, 41.061,
332.228


 100, 41.061,
332.228

 52, 41.061,
332.228


 82, 41.061,
332.228

 42, 41.061,
332.228

 92, 41.061,
332.228

 32, 41.061,
332.228

 22, 41.061,
332.228

 12, 41.061,
332.228

 2, 41.061, 332.228

 0, 41.061, 332.228

62, 41.061,
332.228

62, 41.061,
332.228

58, 51.815,
332.907

67, 29.773,
331.565

54, 61.624,
333.602

71, 18.280,
330.916

51, 69.991,
334.322

77, 6.805, 330.267

48, 76.416,
335.079

82, 4.506, 149.779

46, 80.528,
335.899

87, 15.563,
149.159

45, 82.248,
336.814

92, 26.316,
148.604

45, 82.582,
337.199

95, 31.075,
149.351

95, 29.657,
151.619

■ 95, 28.281,
154.099

Harmonies

Complementary

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



62, 41.061, 332.228



74, 40.942, 147.117

Rectangle

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



62, 41.061, 332.228



62, 41.061, 22.228



62, 41.061, 152.228



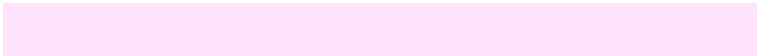
62, 41.061, 202.228

Sweetspot

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



62, 41.059, 332.228



93, 15.449, 330.607



57, 40.894, 300.028



49, 10.388, 330.695



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, 41.059, 332.228



75, 59.881, 332.747



61, 30.775, 357.788



39, 6.502, 330.492



37, 71.857, 337.051



4, 22.785, 334.202

Inverse Universe

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



62, 41.059, 332.228



75, 59.881, 332.747



75, 28.017, 170.052



39, 6.502, 330.492



37, 71.857, 337.051



4, 22.785, 334.202

Previews

White Background



This preview shows how the CIELCh color 62, 41.061, 332.228 looks on a white background.

Color Contrast Check

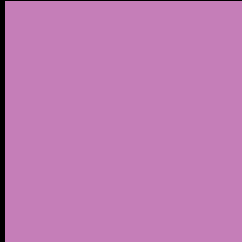
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 62, 41.061, 332.228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

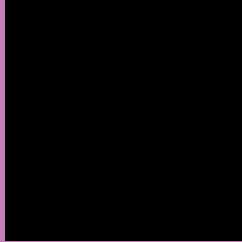
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 41.061, 332.228

Background



This preview shows how black text looks on a background with the CIELCh color 62, 41.061, 332.228.

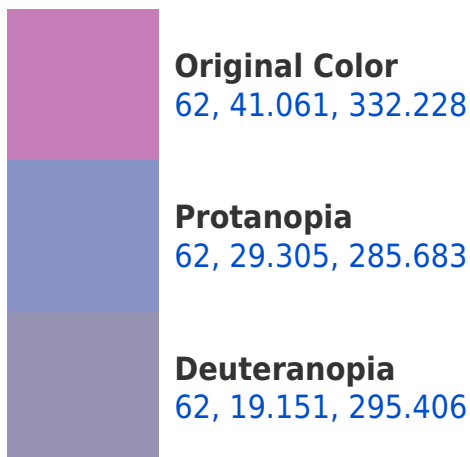



This preview shows how white text looks on a background with the CIELCh color 62, 41.061, 332.228.

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, 23.950, 8.683

Trichromacy



Original Color
62, 41.061, 332.228

Protanomaly
62, 31.141, 304.790

Deuteranomaly
62, 26.300, 315.163

Tritanomaly
62, 28.796, 350.007

Monochromacy



Original Color
62, 41.061, 332.228

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 15.384, 331.182

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 41.061, 332.228 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(197, 126, 184)` looks like.

```
.text, #text, p{  
    color:rgb(197, 126, 184)  
}
```

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(197, 126, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 126, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 41.061, 332.228 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(197, 126, 184) }
```

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

```
.border{ border-color:rgb(197, 126, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 126, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 126, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 126, 184);  
box-shadow:4px 4px 4px 4px rgb(197, 126,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 41.061, 332.228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 126, 184) }
```

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

```
.background{ background-color: rgb(197,  
126, 184) }
```

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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