

Converting Colors

CIELCh(62, 36.163, 350.065)

Have a look what the booklet for
CIELCh(62, 36.163, 350.065)
contains.

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Color

CIELCh(62, 35.985, 350.111)

Conversions

Conversions Part 1

Format	Color
Hex	CD7EA2
RGB	205, 126, 162
RGB Percent	80%, 49%, 64%
CMY	0.1971, 0.5068, 0.3657
CMYK	0.00, 0.39, 0.21, 0.20
HSL	333°, 44%, 65%
HSV	333°, 39%, 80%
XYZ	39.0352, 30.4025, 37.8798
YIQ	153.7250, 35.5280, 27.9440

Conversions

Conversions Part 2

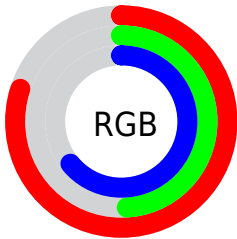
Format	Color
R_{YB}	205, 126, 162
Decimal	13467298
CIE _{Lab}	62.00, 35.45, -6.18
CIE _{LCh}	62, 35.985, 350.111
Yxy	30.4025, 0.3637, 0.2833
Android (android.graphics.Color)	4291657378 (0xFFCD7EA2)
YUV	153.7250, 4.0796, 44.9682
Hunter-Lab	55.1385, 29.8763, -2.1349

Details

The CIELCh color $62, 35.985, 350.111$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $77, 33.957, 162.255$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 33.450, 346.793$, and $42, 35.841, 350.464$ is the 20% darker color. If you saturate the color by 10%, you get $57, 45.034, 351.575$, and if you desaturate by 10%, it is $67, 26.588, 348.866$.

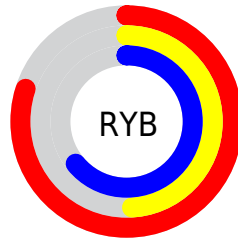
Distribution



Red (80%)

Green (49%)

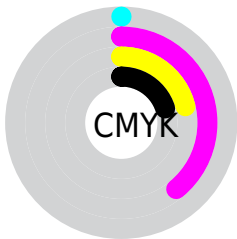
Blue (64%)



Red (80%)

Yellow (49%)

Blue (64%)

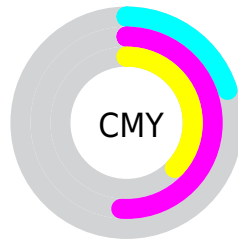


Cyan (0%)

Magenta (39%)

Yellow (21%)

Black (20%)



Cyan (20%)


Magenta (51%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 35.985, 350.111 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, 35.985, 350.111 by changing the saturation by 10% instead.


 62, 35.985,
350.111


 62, 35.985,
350.111


 100, 35.985,
350.111


 52, 35.985,
350.111


 82, 35.985,
350.111

 42, 35.985,
350.111

 92, 35.985,
350.111

 32, 35.985,
350.111

 22, 35.985,
350.111

 12, 35.985,
350.111

 2, 35.985, 350.111

 0, 35.985, 350.111

62, 35.985,
350.111

62, 35.985,
350.111

57, 45.034,
351.575

67, 26.588,
348.866

53, 53.353,
353.336

72, 17.136,
347.777

50, 60.469,
355.508

78, 7.812, 346.793

47, 65.928,
358.241

83, 1.273, 166.329

45, 69.459, 1.708

89, 10.061,
165.260


44, 71.304, 5.987

94, 18.529,
164.534

44, 71.550, 6.619

96, 18.957,
173.865

97, 16.954,
191.228

 97, 16.643,
198.401

Harmonies

Complementary

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



62, 35.985, 350.111



77, 33.957, 162.255

Rectangle

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



62, 35.985, 350.111



62, 35.985, 40.111



62, 35.985, 170.111



62, 35.985, 220.111

Sweetspot

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



62, 35.982, 350.112



92, 13.130, 347.138



59, 46.862, 312.063



48, 8.723, 347.267



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, 35.982, 350.112



72, 51.069, 351.264



62, 32.318, 25.410



40, 5.159, 346.872



35, 61.158, 5.830



4, 19.511, 356.251

Inverse Universe

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



62, 35.982, 350.112



72, 51.069, 351.264



77, 24.497, 200.979



40, 5.159, 346.872



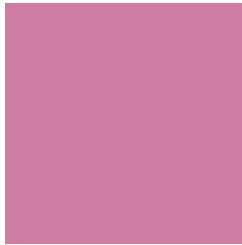
35, 61.158, 5.830



4, 19.511, 356.251

Previews

White Background



This preview shows how the CIELCh color 62, 35.985, 350.111 looks on a white background.

Color Contrast Check

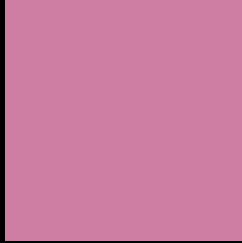
Large Text (above 18pt) WCAG AA × Fail

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, 35.985, 350.111 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

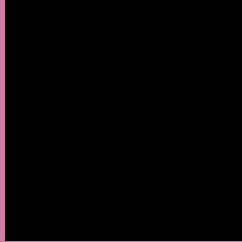
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 35.985, 350.111

Background



This preview shows how black text looks on a background with the CIELCh color 62, 35.985, 350.111.

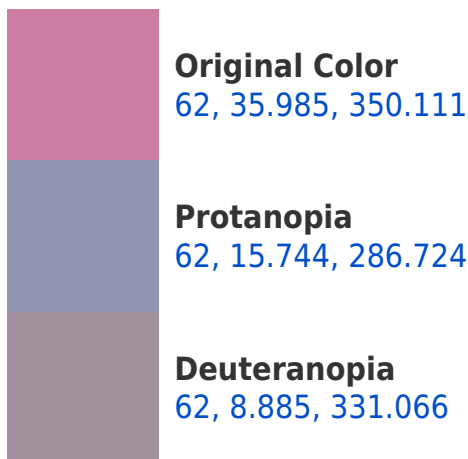


This preview shows how white text looks on a background with the CIELCh color 62, 35.985, 350.111.

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, 29.729, 12.089

Trichromacy



Original Color
62, 35.985, 350.111

Protanomaly
62, 19.498, 321.568

Deuteranomaly
62, 18.438, 344.071

Tritanomaly
62, 31.655, 2.707

Monochromacy



Original Color
62, 35.985, 350.111

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 13.408, 348.021

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 35.985, 350.111 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(205, 126, 162)` looks like.

```
.text, #text, p{  
    color:rgb(205, 126, 162)  
}
```

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(205, 126, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 126, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 35.985, 350.111 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(205, 126, 162) }
```

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

```
.border{ border-color:rgb(205, 126, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 126, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 126, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 126, 162);  
box-shadow:4px 4px 4px 4px rgb(205, 126,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 35.985, 350.111 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 126, 162) }
```

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

```
.background{ background-color: rgb(205,  
126, 162) }
```

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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