

Converting Colors

CIELCh(62, 38.732, 352.838)

Have a look what the booklet for
CIELCh(62, 38.732, 352.838)
contains.

CIELCh(62, 38.833, 352.453)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(62, 38.833, 352.453)

Conversions

Conversions Part 1

Format	Color
Hex	D27BA0
RGB	210, 123, 160
RGB Percent	82%, 48%, 63%
CMY	0.1765, 0.5177, 0.3726
CMYK	0.00, 0.41, 0.24, 0.18
HSL	334°, 49%, 65%
HSV	334°, 41%, 82%
XYZ	40.0029, 30.4025, 37.0142
YIQ	153.2310, 39.9750, 29.9510

Conversions

Conversions Part 2

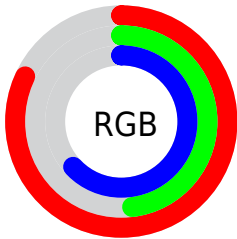
Format	Color
R_{YB}	210, 123, 160
Decimal	13794208
CIE _{Lab}	62.00, 38.50, -5.10
CIE _{LCh}	62, 38.833, 352.453
Yxy	30.4025, 0.3724, 0.2830
Android (android.graphics.Color)	4291984288 (0xFFD27BA0)
YUV	153.2310, 3.3371, 49.7864
Hunter-Lab	55.1385, 33.0092, -1.2041

Details

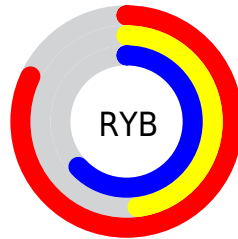
The CIELCh color $62, 38.833, 352.453$ is a light color, and the websafe version is hex $CC6699$. A complement of this color would be $78, 36.139, 163.621$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 34.675, 347.284$, and $42, 38.565, 352.040$ is the 20% darker color. If you saturate the color by 10%, you get $57, 47.842, 354.081$, and if you desaturate by 10%, it is $67, 29.406, 351.089$.

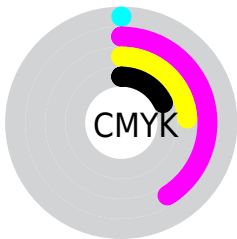
Distribution



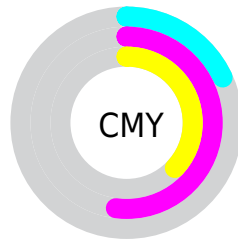
- Red (82%)
- Green (48%)
- Blue (63%)



- Red (82%)
- Yellow (48%)
- Blue (63%)



- Cyan (0%)
- Magenta (41%)
- Yellow (24%)
- Black (18%)





- Cyan (18%)
- Magenta (52%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 38.833, 352.453 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, 38.833, 352.453 by changing the saturation by 10% instead.


 62, 38.833,
352.453

 62, 38.833,
352.453


 100, 38.833,
352.453


 52, 38.833,
352.453


 82, 38.833,
352.453

 42, 38.833,
352.453

 92, 38.833,
352.453

 32, 38.833,
352.453

 22, 38.833,
352.453

 12, 38.833,
352.453

 2, 38.833, 352.453

 0, 38.833, 352.453

62, 38.833,
352.453

62, 38.833,
352.453

57, 47.842,
354.081

67, 29.406,
351.089

53, 56.023,
356.067

72, 19.882,
349.914

50, 62.896,
358.547

78, 10.469,
348.873

47, 68.045, 1.691

83, 1.293, 347.662

46, 71.310, 5.670

89, 7.580, 167.255

45, 73.044, 9.693

95, 16.121,
166.485

97, 16.321,
179.089

97, 15.001,
198.507

Harmonies

Complementary

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



62, 38.833, 352.453



78, 36.139, 163.621

Rectangle

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



62, 38.833, 352.453



62, 38.833, 42.453



62, 38.833, 172.453



62, 38.833, 222.453

Sweetspot

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



62, 38.830, 352.455



92, 12.882, 348.943



60, 51.700, 313.273



48, 8.561, 349.076



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, 38.830, 352.455



69, 54.512, 353.927



62, 34.824, 28.248



41, 5.165, 348.672



36, 61.899, 8.832



5, 21.168, 358.619

Inverse Universe

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



62, 38.830, 352.455



69, 54.512, 353.927



77, 25.636, 204.639



41, 5.165, 348.672



36, 61.899, 8.832



5, 21.168, 358.619

Previews

White Background



This preview shows how the CIELCh color 62, 38.833, 352.453 looks on a white background.

Color Contrast Check

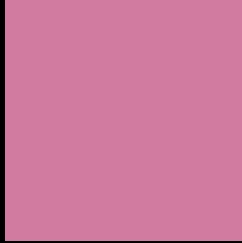
Large Text (above 18pt) WCAG AA × Fail

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, 38.833, 352.453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

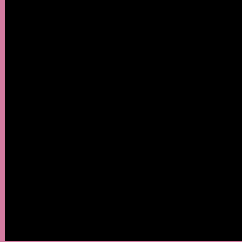
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 38.833, 352.453

Background



This preview shows how black text looks on a background with the CIELCh color 62, 38.833, 352.453.

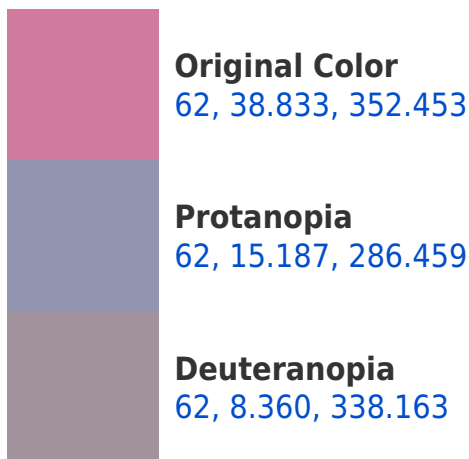


This preview shows how white text looks on a background with the CIELCh color 62, 38.833, 352.453.

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, 33.514, 13.831

Trichromacy



Original Color
62, 38.833, 352.453

Protanomaly
62, 20.087, 324.453

Deuteranomaly
62, 19.110, 347.757

Tritanomaly
62, 34.664, 5.978

Monochromacy



Original Color
62, 38.833, 352.453

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 14.694, 348.820

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 38.833, 352.453 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(210, 123, 160)` looks like.

```
.text, #text, p{  
    color:rgb(210, 123, 160)  
}
```

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(210, 123, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 123, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 38.833, 352.453 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(210, 123, 160) }
```

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

```
.border{ border-color:rgb(210, 123, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 123, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 123, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 123, 160);  
box-shadow:4px 4px 4px 4px rgb(210, 123,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 38.833, 352.453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 123, 160) }
```

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

```
.background{ background-color: rgb(210,  
123, 160) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor