

Converting Colors

CIELCh(62, 52.805, 325.604)

Have a look what the booklet for
CIELCh(62, 52.805, 325.604)
contains.

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Color

CIELCh(62, 52.827, 325.872)

Conversions

Conversions Part 1

Format	Color
Hex	C979CB
RGB	201, 121, 203
RGB Percent	79%, 47%, 80%
CMY	0.2118, 0.5255, 0.2039
CMYK	0.01, 0.40, 0.00, 0.20
HSL	299°, 44%, 64%
HSV	299°, 40%, 80%
XYZ	41.7024, 30.4025, 60.1676
YIQ	154.2680, 21.3580, 42.4620

Conversions

Conversions Part 2

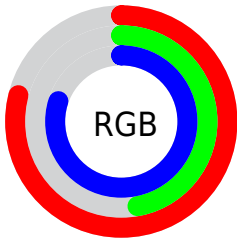
Format	Color
R_{YB}	201, 121, 203
Decimal	13203915
CIE _{Lab}	62.00, 43.73, -29.64
CIE _{LCh}	62, 52.827, 325.872
Yxy	30.4025, 0.3153, 0.2298
Android (android.graphics.Color)	4291393995 (0xFFC979CB)
YUV	154.2680, 24.0249, 40.9840
Hunter-Lab	55.1385, 38.5109, -26.1008

Details

The CIELCh color $62, 52.827, 325.872$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $75, 52.838, 140.846$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 50.046, 326.153$, and $42, 53.179, 325.620$ is the 20% darker color. If you saturate the color by 10%, you get $58, 64.802, 326.316$, and if you desaturate by 10%, it is $66, 40.062, 325.382$.

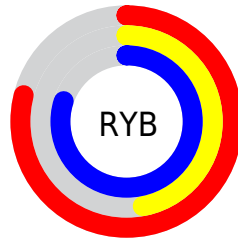
Distribution



Red (79%)

Green (47%)

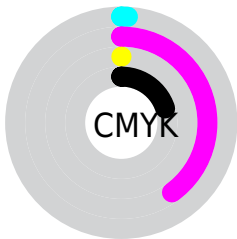
Blue (80%)



Red (79%)

Yellow (47%)

Blue (80%)

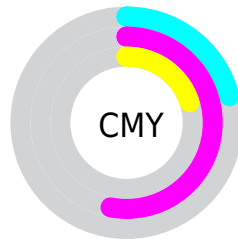


Cyan (1%)

Magenta (40%)

Yellow (0%)

Black (20%)



Cyan (21%)


Magenta (53%)


Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 52.827, 325.872 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, 52.827, 325.872 by changing the saturation by 10% instead.


 62, 52.827,
325.872


 62, 52.827,
325.872


 100, 52.827,
325.872


 52, 52.827,
325.872


 82, 52.827,
325.872

 42, 52.827,
325.872

 92, 52.827,
325.872

 32, 52.827,
325.872

 22, 52.827,
325.872

 12, 52.827,
325.872

 2, 52.827, 325.872

 0, 52.827, 325.872

62, 52.827,
325.872

62, 52.827,
325.872

58, 64.802,
326.316

66, 40.062,
325.382

54, 75.512,
326.694

71, 26.909,
324.862

52, 84.438,
326.987

76, 13.660,
324.324

49, 91.128,
327.180

81, 0.520, 323.324

48, 95.344,
327.267


87, 12.376,
143.317

47, 97.427,
327.265

92, 24.950,
142.806

95, 32.293,
142.419

95, 32.193,
142.179

 96, 32.093,
141.937

Harmonies

Complementary

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



62, 52.827, 325.872



75, 52.838, 140.846

Rectangle

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



62, 52.827, 325.872



62, 52.827, 15.872



62, 52.827, 145.872



62, 52.827, 195.872

Sweetspot

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



62, 52.825, 325.872



93, 18.998, 324.421



55, 45.536, 294.357



48, 12.610, 324.492



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, 52.825, 325.872



73, 74.553, 326.242



61, 39.043, 345.741



40, 7.481, 324.269



39, 83.802, 327.279



5, 28.803, 326.575

Inverse Universe

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



60, 34.610, 21.555



69, 50.686, 23.079



76, 37.541, 157.982



40, 4.369, 17.951



34, 74.556, 38.833



4, 17.919, 18.203

Previews

White Background



This preview shows how the CIELCh color 62, 52.827, 325.872 looks on a white background.

Color Contrast Check

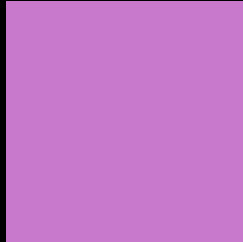
Large Text (above 18pt) WCAG AA × Fail

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, 52.827, 325.872 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

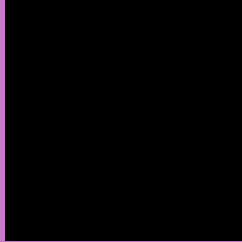
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 52.827, 325.872

Background



This preview shows how black text looks on a background with the CIELCh color 62, 52.827, 325.872.

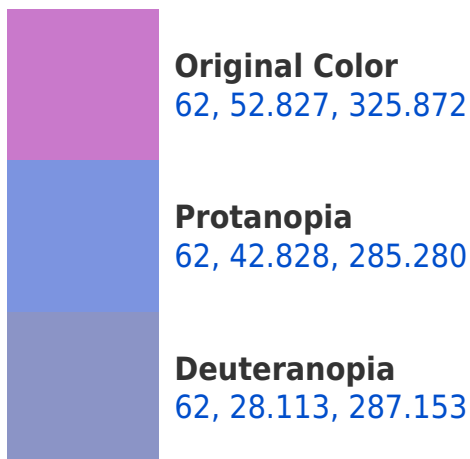


This preview shows how white text looks on a background with the CIELCh color 62, 52.827, 325.872.

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, 24.350, 8.959

Trichromacy



Original Color
62, 52.827, 325.872



Protanomaly
61, 44.214, 300.476



Deuteranomaly
62, 35.952, 306.826



Tritanomaly
62, 32.261, 344.794

Monochromacy



Original Color
62, 52.827, 325.872



Achromatopsia
64, 0.008, 296.813



Achromatomaly
62, 20.042, 324.443

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 52.827, 325.872 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(201, 121, 203)` looks like.

```
.text, #text, p{  
    color:rgb(201, 121, 203)  
}
```

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(201, 121, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 121, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 52.827, 325.872 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(201, 121, 203) }
```

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

```
.border{ border-color:rgb(201, 121, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 121, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 121, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 121, 203);  
box-shadow:4px 4px 4px 4px rgb(201, 121,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 52.827, 325.872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 121, 203) }
```

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

```
.background{ background-color: rgb(201,  
121, 203) }
```

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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