

Converting Colors

CIELCh(62, 52.007, 326.565)

Have a look what the booklet for
CIELCh(62, 52.007, 326.565)
contains.

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Color

CIELCh(62, 51.962, 326.557)

Conversions

Conversions Part 1

Format	Color
Hex	C979C9
RGB	201, 121, 201
RGB Percent	79%, 47%, 79%
CMY	0.2109, 0.5246, 0.2109
CMYK	0.00, 0.40, 0.00, 0.21
HSL	300°, 43%, 63%
HSV	300°, 40%, 79%
XYZ	41.5805, 30.4025, 59.0727
YIQ	154.0400, 22.0000, 41.8400

Conversions

Conversions Part 2

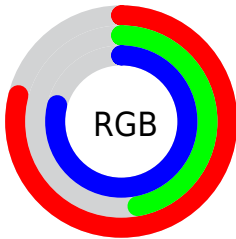
Format	Color
RYB	201, 121, 201
Decimal	13203913
CIELab	62.00, 43.36, -28.64
CIElCh	62, 51.962, 326.557
Yxy	30.4025, 0.3173, 0.2320
Android (android.graphics.Color)	4291393993 (0xFFC979C9)
YUV	154.0400, 23.1513, 41.1839
Hunter-Lab	55.1385, 38.1162, -24.9235

Details

The CIELCh color $62, 51.962, 326.557$ is a light color, and the websafe version is hex `CC66CC`. A complement of this color would be $74, 52.060, 141.444$, 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 $42, 52.273, 326.335$ is the 20% darker color. If you saturate the color by 10%, you get $58, 63.913, 327.023$, and if you desaturate by 10%, it is $66, 39.215, 326.048$.

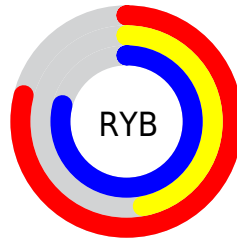
Distribution



Red (79%)

Green (47%)

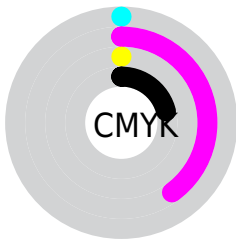
Blue (79%)



Red (79%)

Yellow (47%)

Blue (79%)

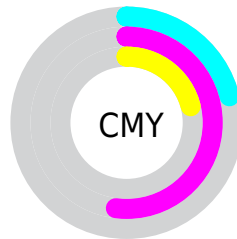


Cyan (0%)

Magenta (40%)

Yellow (0%)

Black (21%)



Cyan (21%)


Magenta (52%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 51.962, 326.557 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, 51.962, 326.557 by changing the saturation by 10% instead.


 62, 51.962,
326.557


 62, 51.962,
326.557


 100, 51.962,
326.557


 52, 51.962,
326.557


 82, 51.962,
326.557

 42, 51.962,
326.557

 92, 51.962,
326.557

 32, 51.962,
326.557

 22, 51.962,
326.557

 12, 51.962,
326.557

 2, 51.962, 326.557

 0, 51.962, 326.557

62, 51.962,
326.557

62, 51.962,
326.557

58, 63.913,
327.023

66, 39.215,
326.048

55, 74.599,
327.430

71, 26.074,
325.511

52, 83.510,
327.760

76, 12.833,
324.956

50, 90.210,
328.004

81, 0.301, 145.294

49, 94.470,
328.157

86, 13.189,
143.917

48, 96.636,
328.234

92, 25.752,
143.391

48, 96.680,
328.235

95, 33.702,
143.065

95, 33.701,
143.066

■ 95, 33.701,
143.067

Harmonies

Complementary

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



62, 51.962, 326.557



74, 52.060, 141.444

Rectangle

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



62, 51.962, 326.557



62, 51.962, 16.557



62, 51.962, 146.557



62, 51.962, 196.557

Sweetspot

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



62, 51.960, 326.557



93, 19.140, 325.091



54, 46.106, 295.485



48, 12.703, 325.165



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, 51.960, 326.557



73, 74.894, 326.975



61, 37.452, 347.587



39, 7.382, 324.934



39, 82.756, 328.235



4, 26.740, 327.028

Inverse Universe

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



62, 51.960, 326.557



73, 74.894, 326.975



75, 35.734, 159.743



39, 7.382, 324.934



39, 82.756, 328.235



4, 26.740, 327.028

Previews

White Background



This preview shows how the CIELCh color 62, 51.962, 326.557 looks on a white background.

Color Contrast Check

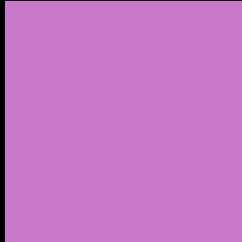
Large Text (above 18pt) WCAG AA × Fail

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, 51.962, 326.557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

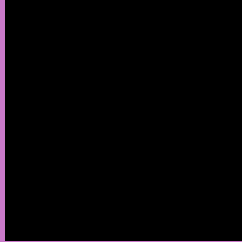
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 51.962, 326.557

Background



This preview shows how black text looks on a background with the CIELCh color 62, 51.962, 326.557.

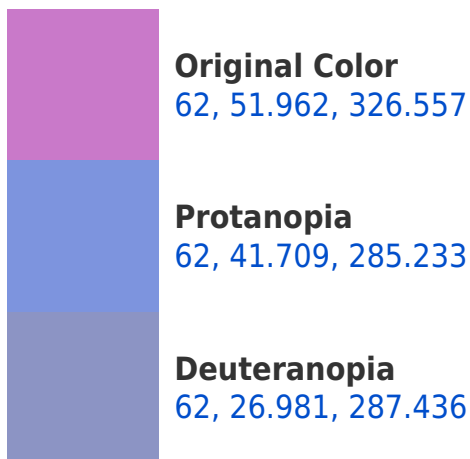



This preview shows how white text looks on a background with the CIELCh color 62, 51.962, 326.557.

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, 24.749, 9.228

Trichromacy



Original Color
62, 51.962, 326.557



Protanomaly
61, 43.144, 300.979



Deuteranomaly
62, 34.877, 307.209



Tritanomaly
62, 32.553, 345.270

Monochromacy



Original Color
62, 51.962, 326.557



Achromatopsia
64, 0.008, 296.813



Achromatomaly
62, 19.585, 325.345

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 51.962, 326.557 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, 201)` looks like.

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

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, 201) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 62, 51.962, 326.557 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, 201) }
```

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

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

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, 201)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 62, 51.962, 326.557 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, 201) }
```

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

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

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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