

Converting Colors

CIELCh(62, 74.058, 315.315)

Have a look what the booklet for
CIELCh(62, 74.058, 315.315)
contains.

CIELCh(62, 73.841, 315.242)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(62, 73.841, 315.242)

Conversions

Conversions Part 1

Format	Color
Hex	C274F3
RGB	194, 116, 243
RGB Percent	76%, 45%, 95%
CMY	0.2395, 0.5453, 0.0473
CMYK	0.20, 0.52, 0.00, 0.05
HSL	277°, 84%, 70%
HSV	277°, 52%, 95%
XYZ	44.6347, 30.4025, 88.2538
YIQ	153.8000, 5.7210, 56.0330

Conversions

Conversions Part 2

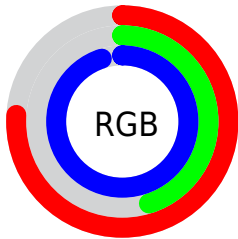
Format	Color
RYB	194, 116, 243
Decimal	12743923
CIELab	62.00, 52.43, -51.99
CIElCh	62, 73.841, 315.242
Yxy	30.4025, 0.2733, 0.1862
Android (android.graphics.Color)	4290934003 (0xFFC274F3)
YUV	153.8000, 43.9756, 35.2554
Hunter-Lab	55.1385, 48.0036, -56.3017

Details

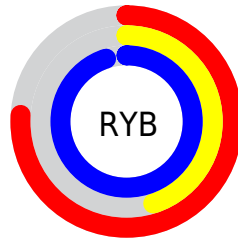
The CIELCh color $62, 73.841, 315.242$ is a light color, and the websafe version is hex `CC66FF`. A complement of this color would be $89, 69.916, 130.481$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $80, 52.789, 325.576$, and $42, 73.551, 315.135$ is the 20% darker color. If you saturate the color by 10%, you get $56, 87.092, 315.554$, and if you desaturate by 10%, it is $68, 59.787, 314.835$.

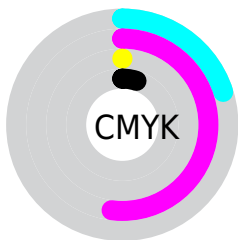
Distribution



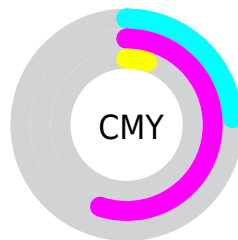
- Red (76%)
- Green (45%)
- Blue (95%)



- Red (76%)
- Yellow (45%)
- Blue (95%)



- Cyan (20%)
- Magenta (52%)
- Yellow (0%)
- Black (5%)





- Cyan (24%)
- Magenta (55%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 73.841, 315.242 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, 73.841, 315.242 by changing the saturation by 10% instead.


 62, 73.841,
315.242


 62, 73.841,
315.242


 100, 73.841,
315.242


 52, 73.841,
315.242


 82, 73.841,
315.242

 42, 73.841,
315.242

 92, 73.841,
315.242

 32, 73.841,
315.242

 22, 73.841,
315.242

 12, 73.841,
315.242

 2, 73.841, 315.242

 0, 73.841, 315.242

62, 73.841,
315.242

62, 73.841,
315.242

56, 87.092,
315.554

68, 59.787,
314.835

51, 98.856,
315.702

74, 45.428,
314.383

47, 108.295,
315.601

81, 31.080,
313.919

44, 114.648,
315.167

88, 16.936,
313.464

43, 117.558,
314.616

94, 3.106, 312.990

99, 6.366, 125.288

100, 6.108,
109.709

Harmonies

Complementary

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



62, 73.841, 315.242



89, 69.916, 130.481

Rectangle

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



62, 73.841, 315.242



62, 73.841, 5.242



62, 73.841, 135.242



62, 73.841, 185.242

Sweetspot

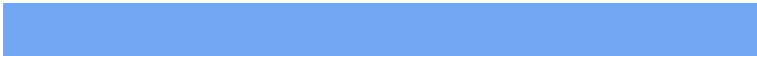
The Sweet Spot groups the original color and five complimentary colors.



62, 73.839, 315.242



89, 23.063, 313.634



68, 43.448, 275.628



46, 15.607, 313.728



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, 73.839, 315.242



59, 91.509, 315.575



67, 72.640, 330.324



48, 7.864, 313.339



32, 96.143, 314.796



6, 41.652, 315.917

Inverse Universe

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



65, 53.825, 357.037



63, 66.042, 359.471



87, 73.232, 142.682



48, 5.742, 351.117



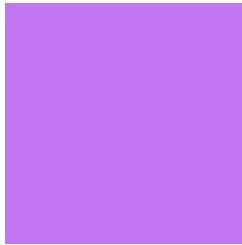
39, 67.141, 13.072



9, 29.638, 5.114

Previews

White Background



This preview shows how the CIELCh color 62, 73.841, 315.242 looks on a white background.

Color Contrast Check

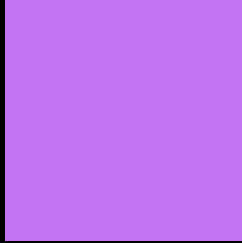
Large Text (above 18pt) WCAG AA × Fail

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, 73.841, 315.242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

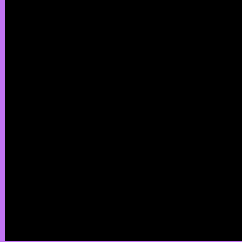
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 73.841, 315.242

Background



This preview shows how black text looks on a background with the CIELCh color 62, 73.841, 315.242.



This preview shows how white text looks on a background with the CIELCh color 62, 73.841, 315.242.

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



Original Color
62, 73.841, 315.242

Protanopia
62, 60.707, 286.179

Deuteranopia
62, 49.000, 280.626



Tritanopia
62, 16.935, 0.007

Trichromacy



Original Color
62, 73.841, 315.242



Protanomaly
61, 64.470, 296.732



Deuteranomaly
61, 56.708, 295.472



Tritanomaly
62, 35.305, 325.986

Monochromacy



Original Color
62, 73.841, 315.242



Achromatopsia
64, 0.008, 296.813



Achromatomaly
62, 27.928, 314.544

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 73.841, 315.242 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(194, 116, 243)` looks like.

```
.text, #text, p{  
    color:rgb(194, 116, 243)  
}
```

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(194, 116, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 116, 243) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 73.841, 315.242 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(194, 116, 243) }
```

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

```
.border{ border-color:rgb(194, 116, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 116, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 116, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 116, 243);  
box-shadow:4px 4px 4px 4px rgb(194, 116,  
243) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 73.841, 315.242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 116, 243) }
```

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

```
.background{ background-color: rgb(194,  
116, 243) }
```

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