

Converting Colors

CIELCh(73, 45.601, 313.328)

Have a look what the booklet for
CIELCh(73, 45.601, 313.328)
contains.

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Color

CIELCh(73, 45.647, 313.382)

Conversions

Conversions Part 1

Format	Color
Hex	CFA1F0
RGB	207, 161, 240
RGB Percent	81%, 63%, 94%
CMY	0.1874, 0.3678, 0.0579
CMYK	0.14, 0.33, 0.00, 0.06
HSL	275°, 73%, 79%
HSV	275°, 33%, 94%
XYZ	54.3363, 45.1644, 88.4653
YIQ	183.7600, 2.0570, 34.3210

Conversions

Conversions Part 2

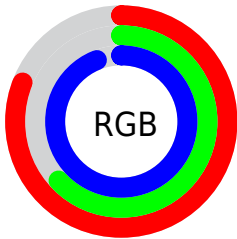
Format	Color
RYB	207, 161, 240
Decimal	13607408
CIELab	73.00, 31.35, -33.18
CIElCh	73, 45.647, 313.382
Yxy	45.1644, 0.2891, 0.2403
Android (android.graphics.Color)	4291797488 (0xFFCFA1F0)
YUV	183.7600, 27.7263, 20.3815
Hunter-Lab	67.2044, 26.7135, -31.0039

Details

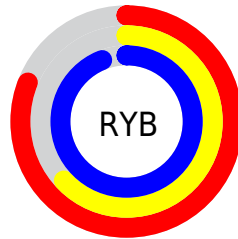
The CIELCh color $73, 45.647, 313.382$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $90, 43.963, 130.371$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 24.429, 325.275$, and $53, 45.702, 313.437$ is the 20% darker color. If you saturate the color by 10%, you get $67, 59.865, 313.854$, and if you desaturate by 10%, it is $80, 31.466, 312.903$.

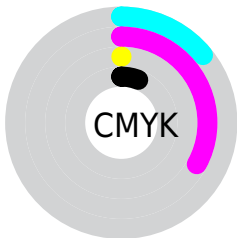
Distribution



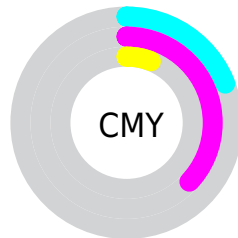
- Red (81%)
- Green (63%)
- Blue (94%)



- Red (81%)
- Yellow (63%)
- Blue (94%)



- Cyan (14%)
- Magenta (33%)
- Yellow (0%)
- Black (6%)





- Cyan (19%)
- Magenta (37%)
- Yellow (6%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 45.647, 313.382 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 73, 45.647, 313.382 by changing the saturation by 10% instead.


 73, 45.647,
313.382


 73, 45.647,
313.382


 100, 45.647,
313.382


 63, 45.647,
313.382


 93, 45.647,
313.382

 53, 45.647,
313.382

 43, 45.647,
313.382

 33, 45.647,
313.382

 23, 45.647,
313.382

 13, 45.647,
313.382

 3, 45.647, 313.382

■ 0, 45.647, 313.382

■ 73, 45.647,
313.382

■ 73, 45.647,
313.382

■ 67, 59.865,
313.854

■ 80, 31.466,
312.903

■ 61, 73.819,
314.284

■ 86, 17.512,
312.436

■ 55, 87.022,
314.620

■ 93, 3.882, 311.969

■ 99, 7.993, 129.435

■ 50, 98.780,
314.789

■ 100, 7.480,
109.608

■ 46, 108.234,
314.699

■ 43, 114.588,
314.257

■ 41, 117.356,
313.748

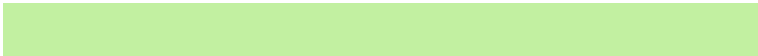
Harmonies

Complementary

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



73, 45.647, 313.382



90, 43.963, 130.371

Rectangle

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



73, 45.647, 313.382



73, 45.647, 3.382



73, 45.647, 133.382



73, 45.647, 183.382

Sweetspot

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



73, 45.645, 313.382



93, 14.208, 312.306



78, 25.883, 267.710



49, 9.710, 312.370



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73, 45.645, 313.382



73, 57.043, 313.679



76, 47.756, 328.158



47, 7.672, 312.281



31, 95.789, 313.936



5, 39.910, 314.709

Inverse Universe

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



75, 34.220, 351.789



75, 42.650, 352.653



88, 47.762, 143.857



47, 5.753, 349.144



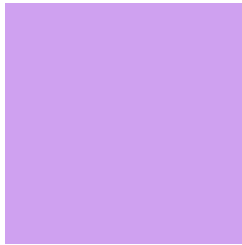
39, 66.092, 9.927



8, 28.900, 2.090

Previews

White Background



This preview shows how the CIELCh color 73, 45.647, 313.382 looks on a white background.

Color Contrast Check

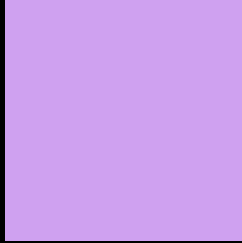
Large Text (above 18pt) WCAG AA × Fail

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 73, 45.647, 313.382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

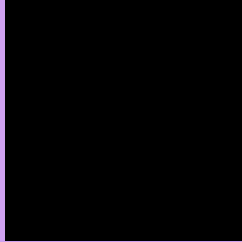
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 45.647, 313.382

Background



This preview shows how black text looks on a background with the CIELCh color 73, 45.647, 313.382.

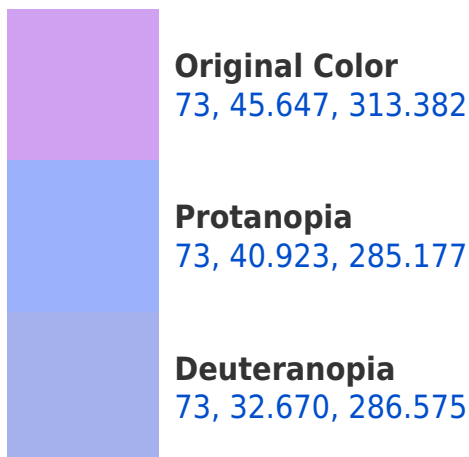


This preview shows how white text looks on a background with the CIELCh color 73, 45.647, 313.382.

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
73, 12.665, 343.767

Trichromacy



Original Color
73, 45.647, 313.382



Protanomaly
73, 41.930, 295.756



Deuteranomaly
73, 36.645, 298.100



Tritanomaly
73, 24.058, 322.446

Monochromacy



Original Color
73, 45.647, 313.382



Achromatopsia
75, 0.009, 296.813



Achromatomaly
74, 16.304, 312.105

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 45.647, 313.382 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(207, 161, 240)` looks like.

```
.text, #text, p{  
    color:rgb(207, 161, 240)  
}
```

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(207, 161, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 161, 240) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 45.647, 313.382 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(207, 161, 240) }
```

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

```
.border{ border-color:rgb(207, 161, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 161, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 161, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 161, 240);  
box-shadow:4px 4px 4px 4px rgb(207, 161,  
240) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 45.647, 313.382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 161, 240) }
```

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

```
.background{ background-color: rgb(207,  
161, 240) }
```

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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