

Converting Colors

CIELCh(73, 48.237, 312.261)

Have a look what the booklet for
CIELCh(73, 48.237, 312.261)
contains.

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Color

CIELCh(73, 48.136, 312.327)

Conversions

Conversions Part 1

Format	Color
Hex	CFA1F5
RGB	207, 161, 245
RGB Percent	81%, 63%, 96%
CMY	0.1896, 0.3699, 0.0406
CMYK	0.16, 0.34, 0.00, 0.04
HSL	273°, 80%, 79%
HSV	273°, 34%, 96%
XYZ	54.7537, 45.1644, 91.9397
YIQ	184.3300, 0.4520, 35.8760

Conversions

Conversions Part 2

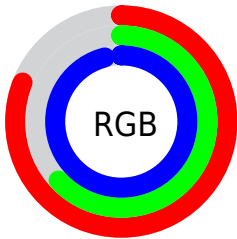
Format	Color
R _Y B	207, 161, 245
Decimal	13607413
CIE Lab	73.00, 32.41, -35.59
CIE LCh	73, 48.136, 312.327
Yxy	45.1644, 0.2854, 0.2354
Android (android.graphics.Color)	4291797493 (0xFFCFA1F5)
YUV	184.3300, 29.9103, 19.8816
Hunter-Lab	67.2044, 27.8221, -34.0691

Details

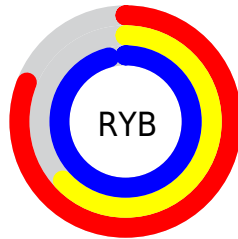
The CIELCh color $73, 48.136, 312.327$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $92, 46.088, 129.118$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 24.429, 325.275$, and $53, 47.724, 312.172$ is the 20% darker color. If you saturate the color by 10%, you get $66, 62.560, 312.825$, and if you desaturate by 10%, it is $80, 33.765, 311.824$.

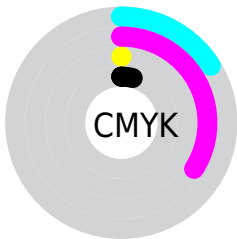
Distribution



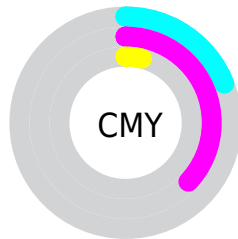
- Red (81%)
- Green (63%)
- Blue (96%)



- Red (81%)
- Yellow (63%)
- Blue (96%)



- Cyan (16%)
- Magenta (34%)
- Yellow (0%)
- Black (4%)




- Cyan (19%)
- Magenta (37%)
- Yellow (4%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 48.136, 312.327 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, 48.136, 312.327 by changing the saturation by 10% instead.

 73, 48.136,
312.327

 73, 48.136,
312.327


 100, 48.136,
312.327


 63, 48.136,
312.327


 93, 48.136,
312.327

 53, 48.136,
312.327

 43, 48.136,
312.327

 33, 48.136,
312.327

 23, 48.136,
312.327

 13, 48.136,
312.327

 3, 48.136, 312.327

0, 48.136, 312.327

73, 48.136,
312.327

73, 48.136,
312.327

66, 62.560,
312.825

80, 33.765,
311.824

60, 76.724,
313.283

87, 19.638,
311.339

54, 90.119,
313.643

93, 5.852, 310.870

99, 5.448, 125.054

49, 102.002,
313.824

100, 5.235,
109.772

45, 111.455,
313.725

42, 117.643,
313.246

■ 41,119.902,
312.836

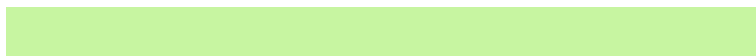
Harmonies

Complementary

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



73, 48.136, 312.327



92, 46.088, 129.118

Rectangle

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



73, 48.136, 312.327



73, 48.136, 2.327



73, 48.136, 132.327



73, 48.136, 182.327

Sweetspot

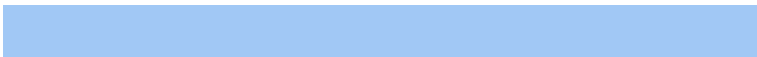
The Sweet Spot groups the original color and five complimentary colors.



73, 48.134, 312.327



93, 14.099, 311.137



79, 26.375, 264.680



49, 9.637, 311.203



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, 48.134, 312.327



71, 59.752, 312.667



77, 51.673, 327.247



47, 7.746, 311.113



30, 97.505, 313.028



6, 41.586, 313.870

Inverse Universe

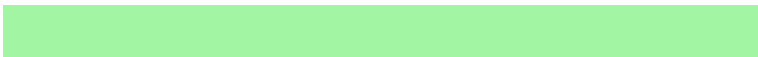
The Inverse Universe completely reimagines the original color for something new.



75, 36.929, 349.809



74, 45.592, 350.726



90, 51.713, 142.803



48, 5.983, 347.082



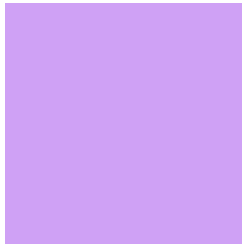
40, 66.643, 6.602



9, 29.889, 359.686

Previews

White Background



This preview shows how the CIELCh color 73, 48.136, 312.327 looks on a white background.

Color Contrast Check

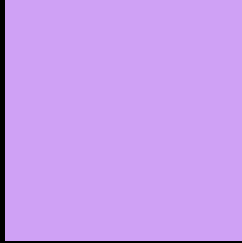
Large Text (above 18pt) WCAG AA × Fail

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, 48.136, 312.327 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

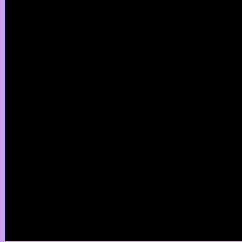
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 48.136, 312.327

Background



This preview shows how black text looks on a background with the CIELCh color 73, 48.136, 312.327.




This preview shows how white text looks on a background with the CIELCh color 73, 48.136, 312.327.

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, 11.440, 342.424

Trichromacy



Original Color
73, 48.136, 312.327

Protanomaly
73, 43.532, 295.414

Deuteranomaly
73, 38.749, 297.051

Tritanomaly
73, 23.688, 320.887

Monochromacy



Original Color
73, 48.136, 312.327

Achromatopsia
75, 0.009, 296.813

Achromatomaly
74, 17.317, 310.862

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 48.136, 312.327 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, 245)` looks like.

```
.text, #text, p{  
    color:rgb(207, 161, 245)  
}
```

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, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 161, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 48.136, 312.327 is called "border". The border property can be set on classes, ids or directly on the HTML element.

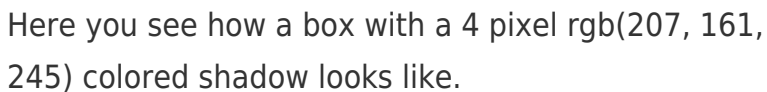
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 161, 245) }
```

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

```
.border{ border-color:rgb(207, 161, 245) }
```

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, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 161, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 161, 245); box-shadow:4px 4px 4px 4px rgb(207, 161, 245) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 48.136, 312.327 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, 245) }
```

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

```
.background{ background-color: rgb(207,  
161, 245) }
```

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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