

Converting Colors

CIELCh(73, 50.160, 314.558)

Have a look what the booklet for
CIELCh(73, 50.160, 314.558)
contains.

CIELCh(73, 50.486, 314.742)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(73, 50.486, 314.742)

Conversions

Conversions Part 1

Format	Color
Hex	D49EF5
RGB	212, 158, 245
RGB Percent	83%, 62%, 96%
CMY	0.1677, 0.3795, 0.0383
CMYK	0.13, 0.35, 0.00, 0.04
HSL	277°, 82%, 79%
HSV	277°, 35%, 96%
XYZ	55.9968, 45.1644, 92.3368
YIQ	184.0640, 4.2570, 38.5050

Conversions

Conversions Part 2

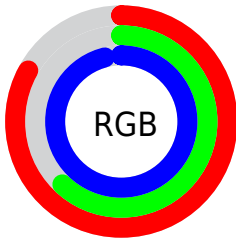
Format	Color
R _{YB}	212, 158, 245
Decimal	13934325
CIE _{Lab}	73.00, 35.54, -35.86
CIE _{LCh}	73, 50.486, 314.742
Y _{xy}	45.1644, 0.2894, 0.2334
Android (android.graphics.Color)	4292124405 (0xFFD49EF5)
YUV	184.0640, 30.0414, 24.4999
Hunter-Lab	67.2044, 31.1239, -34.4194

Details

The CIELCh color $73, 50.486, 314.742$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $91, 48.697, 131.503$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 26.319, 325.341$, and $53, 50.067, 314.725$ is the 20% darker color. If you saturate the color by 10%, you get $67, 64.894, 315.180$, and if you desaturate by 10%, it is $80, 35.988, 314.282$.

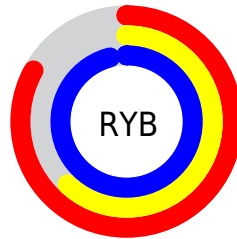
Distribution



Red (83%)

Green (62%)

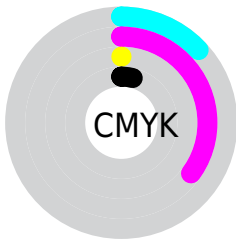
Blue (96%)



Red (83%)

Yellow (62%)

Blue (96%)

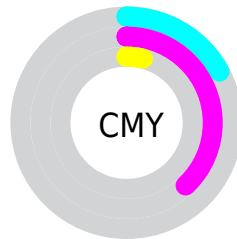


Cyan (13%)

Magenta (35%)

Yellow (0%)

Black (4%)



Cyan (17%)


Magenta (38%)


Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 50.486, 314.742 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, 50.486, 314.742 by changing the saturation by 10% instead.


 73, 50.486,
314.742


 73, 50.486,
314.742


 100, 50.486,
314.742


 63, 50.486,
314.742


 93, 50.486,
314.742

 53, 50.486,
314.742

 43, 50.486,
314.742

 33, 50.486,
314.742

 23, 50.486,
314.742

 13, 50.486,
314.742

 3, 50.486, 314.742

0, 50.486, 314.742

73, 50.486,
314.742

73, 50.486,
314.742

67, 64.894,
315.180

80, 35.988,
314.282

61, 78.840,
315.557

86, 21.639,
313.824

55, 91.762,
315.819

93, 7.573, 313.374

51, 102.905,
315.891

99, 5.344, 131.340

47, 111.421,
315.686

100, 4.942,
109.793

44, 116.670,
315.130

■ 43,118.241,
314.797

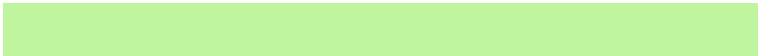
Harmonies

Complementary

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



73, 50.486, 314.742



91, 48.697, 131.503

Rectangle

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



73, 50.486, 314.742



73, 50.486, 4.742



73, 50.486, 134.742



73, 50.486, 184.742

Sweetspot

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



73, 50.484, 314.742



92, 15.787, 313.624



77, 30.182, 272.857



48, 10.624, 313.685



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, 50.484, 314.742



71, 63.318, 315.079



76, 50.537, 329.902



48, 7.876, 313.555



32, 96.013, 314.981



6, 41.653, 316.120

Inverse Universe

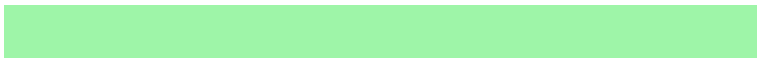
The Inverse Universe completely reimagines the original color for something new.



75, 36.898, 354.653



73, 46.218, 355.831



90, 50.520, 145.047



48, 5.720, 351.533



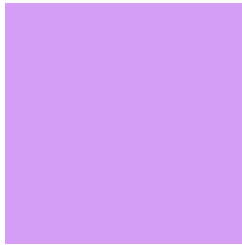
39, 67.245, 13.705



9, 29.628, 5.625

Previews

White Background



This preview shows how the CIELCh color 73, 50.486, 314.742 looks on a white background.

Color Contrast Check

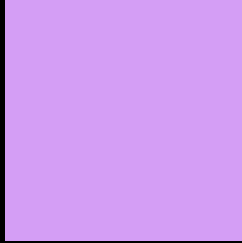
Large Text (above 18pt) WCAG AA × Fail

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, 50.486, 314.742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

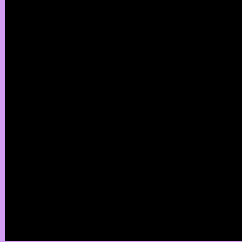
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 50.486, 314.742

Background



This preview shows how black text looks on a background with the CIELCh color 73, 50.486, 314.742.

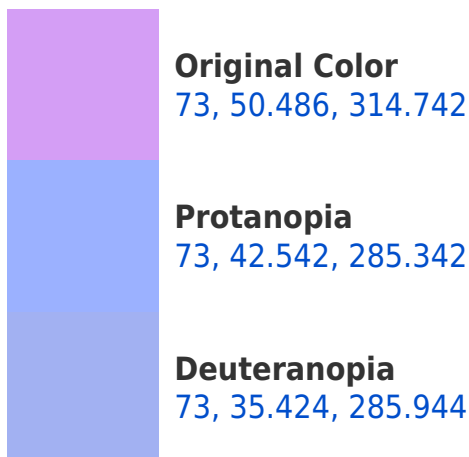


This preview shows how white text looks on a background with the CIELCh color 73, 50.486, 314.742.

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, 13.975, 350.475

Trichromacy



Original Color
73, 50.486, 314.742



Protanomaly
73, 44.145, 296.647



Deuteranomaly
73, 39.930, 298.413



Tritanomaly
73, 26.111, 325.492

Monochromacy



Original Color
73, 50.486, 314.742



Achromatopsia
75, 0.009, 296.813



Achromatomaly
74, 18.213, 313.541

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 50.486, 314.742 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(212, 158, 245)` looks like.

```
.text, #text, p{  
    color:rgb(212, 158, 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(212, 158, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 158, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 50.486, 314.742 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(212, 158, 245) }
```

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

```
.border{ border-color:rgb(212, 158, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 158, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 158, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 158, 245);  
box-shadow:4px 4px 4px 4px rgb(212, 158,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 50.486, 314.742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 158, 245) }
```

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

```
.background{ background-color: rgb(212,  
158, 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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