

Converting Colors

CIELCh(76, 98.133, 310.241)

Have a look what the booklet for
CIELCh(76, 98.133, 310.241)
contains.

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Color

CIELCh(73, 63.514, 318.826)

Conversions

Conversions Part 1

Format	Color
Hex	E494FF
RGB	228, 148, 255
RGB Percent	89%, 58%, 100%
CMY	0.1042, 0.4183, 0.0000
CMYK	0.10, 0.42, 0.00, 0.00
HSL	285°, 100%, 79%
HSV	285°, 42%, 100%
XYZ	61.0598, 45.1644, 101.3275
YIQ	184.1180, 13.3330, 50.2370

Conversions

Conversions Part 2

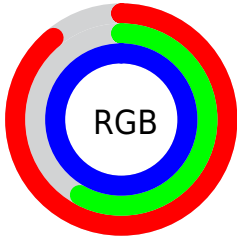
Format	Color
R_{YB}	228, 148, 255
Decimal	14980351
CIE _{Lab}	73.00, 47.81, -41.81
CIE _{LCh}	73, 63.514, 318.826
Yxy	45.1644, 0.2942, 0.2176
Android (android.graphics.Color)	4293170431 (0xFFE494FF)
YUV	184.1180, 34.9448, 38.4845
Hunter-Lab	67.2044, 44.5714, -42.3514

Details

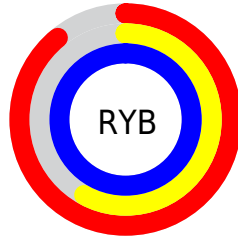
The CIELCh color **73, 63.514, 318.826** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **93, 61.350, 135.085**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 31.983, 325.537**, and **53, 63.091, 319.052** is the 20% darker color. If you saturate the color by 10%, you get **67, 77.256, 319.478**, and if you desaturate by 10%, it is **79, 47.847, 318.713**.

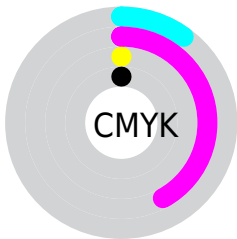
Distribution



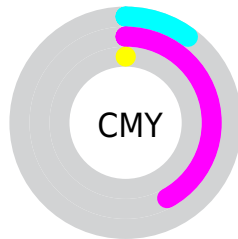
- Red (89%)
- Green (58%)
- Blue (100%)



- Red (89%)
- Yellow (58%)
- Blue (100%)



- Cyan (10%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)





- Cyan (10%)
- Magenta (42%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 63.514, 318.826 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, 63.514, 318.826 by changing the saturation by 10% instead.


 73, 63.514,
318.826

 73, 63.514,
318.826


 100, 63.514,
318.826


 63, 63.514,
318.826


 93, 63.514,
318.826

 53, 63.514,
318.826

 43, 63.514,
318.826

 33, 63.514,
318.826

 23, 63.514,
318.826

 13, 63.514,
318.826

 3, 63.514, 318.826

0, 63.514, 318.826

73, 63.514,
318.826

73, 63.514,
318.826

67, 77.256,
319.478

79, 47.847,
318.713

62, 90.515,
319.730

85, 32.661,
318.272

58, 101.914,
319.830

92, 17.553,
317.823

54, 110.704,
319.719

99, 2.691, 317.316

51, 116.327,
319.346

100, 0.012,
296.813

50, 118.775,
318.859

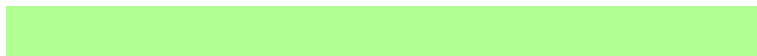
Harmonies

Complementary

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



73, 63.514, 318.826



93, 61.350, 135.085

Rectangle

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



73, 63.514, 318.826



73, 63.514, 8.826



73, 63.514, 138.826



73, 63.514, 188.826

Sweetspot

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



73, 62.846, 319.125



91, 19.315, 317.876



72, 43.843, 284.102



47, 13.542, 317.975



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, 62.846, 319.125



68, 74.691, 319.420



75, 55.771, 335.315



50, 8.420, 317.718



37, 95.597, 319.004



9, 43.767, 320.023

Inverse Universe

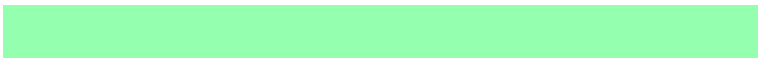
The Inverse Universe completely reimagines the original color for something new.



73, 43.194, 4.946



69, 51.882, 6.608



92, 55.455, 148.685



50, 5.534, 0.442



40, 72.667, 25.705



10, 31.705, 16.049

Previews

White Background



This preview shows how the CIELCh color 73, 63.514, 318.826 looks on a white background.

Color Contrast Check

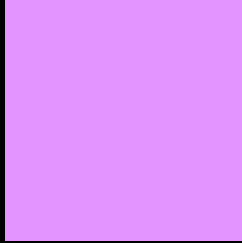
Large Text (above 18pt) WCAG AA × Fail

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, 63.514, 318.826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

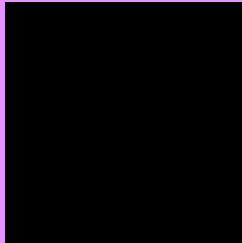
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 63.514, 318.826

Background



This preview shows how black text looks on a background with the CIELCh color 73, 63.514, 318.826.

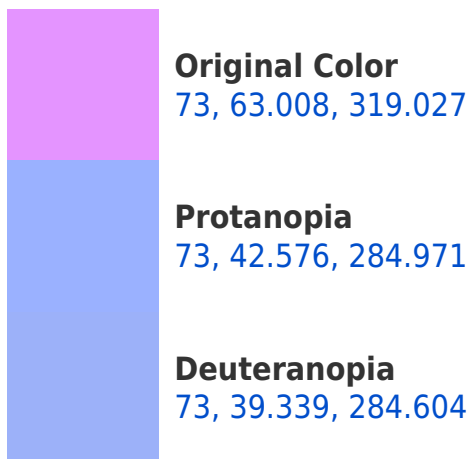


This preview shows how white text looks on a background with the CIELCh color 73, 63.514, 318.826.

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, 21.123, 2.057

Trichromacy



Original Color
73, 63.008, 319.027



Protanomaly
73, 48.180, 299.675



Deuteranomaly
73, 46.075, 300.180

Tritanomaly
73, 33.824, 333.923

Monochromacy



Original Color
73, 63.008, 319.027



Achromatopsia
75, 0.009, 296.813



Achromatomaly
74, 23.635, 317.887

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 63.514, 318.826 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(228, 148, 255)` looks like.

```
.text, #text, p{  
    color:rgb(228, 148, 255)  
}
```

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(228, 148, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 148, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 63.514, 318.826 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(228, 148, 255) }
```

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

```
.border{ border-color:rgb(228, 148, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 148, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 148, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 148, 255); box-shadow:4px 4px 4px 4px rgb(228, 148, 255) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 63.514, 318.826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 148, 255) }
```

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

```
.background{ background-color: rgb(228,  
148, 255) }
```

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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