

Converting Colors

CIELCh(73, 57.549, 314.802)

Have a look what the booklet for
CIELCh(73, 57.549, 314.802)
contains.

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Color

CIELCh(73, 57.112, 314.757)

Conversions

Conversions Part 1

Format	Color
Hex	D89BFE
RGB	216, 155, 254
RGB Percent	85%, 61%, 100%
CMY	0.1532, 0.3924, 0.0042
CMYK	0.15, 0.39, 0.00, 0.00
HSL	277°, 98%, 80%
HSV	277°, 39%, 100%
XYZ	57.8914, 45.1644, 99.3799
YIQ	184.5250, 4.5770, 43.7210

Conversions

Conversions Part 2

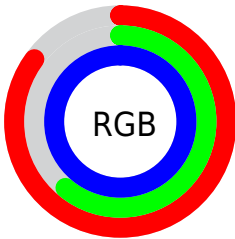
Format	Color
R _Y B	216, 155, 254
Decimal	14195710
CIE Lab	73.00, 40.21, -40.56
CIE LCh	73, 57.112, 314.757
Yxy	45.1644, 0.2860, 0.2231
Android (android.graphics.Color)	4292385790 (0xFFD89BFE)
YUV	184.5250, 34.2512, 27.6036
Hunter-Lab	67.2044, 36.1560, -40.6331

Details

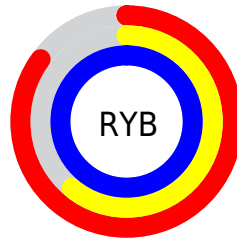
The CIELCh color **73, 57.112, 314.757** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **94, 54.846, 131.173**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 28.208, 325.407**, and **53, 56.889, 314.797** is the 20% darker color. If you saturate the color by 10%, you get **67, 71.821, 315.182**, and if you desaturate by 10%, it is **80, 42.199, 314.298**.

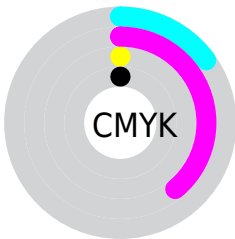
Distribution



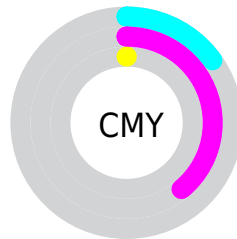
- Red (85%)
- Green (61%)
- Blue (100%)



- Red (85%)
- Yellow (61%)
- Blue (100%)



- Cyan (15%)
- Magenta (39%)
- Yellow (0%)
- Black (0%)





- Cyan (15%)
- Magenta (39%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 57.112, 314.757 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, 57.112, 314.757 by changing the saturation by 10% instead.


 73, 57.112,
314.757


 73, 57.112,
314.757


 100, 57.112,
314.757


 63, 57.112,
314.757


 93, 57.112,
314.757

 53, 57.112,
314.757

 43, 57.112,
314.757

 33, 57.112,
314.757

 23, 57.112,
314.757

 13, 57.112,
314.757

 3, 57.112, 314.757

■ 0, 57.112, 314.757

■ 73, 57.112,
314.757

■ 73, 57.112,
314.757

■ 67, 71.821,
315.182

■ 80, 42.199,
314.298

■ 61, 85.881,
315.530

■ 86, 27.374,
313.835

■ 55, 98.637,
315.737

■ 93, 12.804,
313.383

■ 51, 109.252,
315.722

100, 0.528,
112.651

■ 47, 116.872,
315.397

100, 0.527,
109.992

■ 45, 121.182,
314.721

■ 45,121.542,
314.647

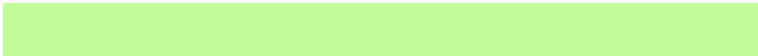
Harmonies

Complementary

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



73, 57.112, 314.757



94, 54.846, 131.173

Rectangle

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



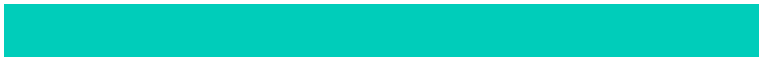
73, 57.112, 314.757



73, 57.112, 4.757



73, 57.112, 134.757



73, 57.112, 184.757

Sweetspot

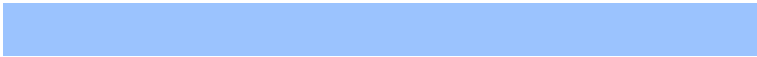
The Sweet Spot groups the original color and five complimentary colors.



73, 57.110, 314.757



92, 17.224, 313.518



78, 33.448, 272.201



48, 11.443, 313.577



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, 57.110, 314.757



68, 69.172, 315.103



77, 57.556, 329.567



49, 8.136, 313.406



33, 98.071, 314.831



7, 44.597, 316.123

Inverse Universe

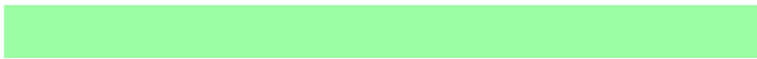
The Inverse Universe completely reimagines the original color for something new.



75, 41.837, 354.879



71, 50.532, 356.208



92, 57.618, 144.190



50, 5.931, 351.247



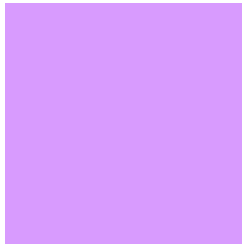
41, 68.556, 13.375



10, 31.283, 6.167

Previews

White Background



This preview shows how the CIELCh color 73, 57.112, 314.757 looks on a white background.

Color Contrast Check

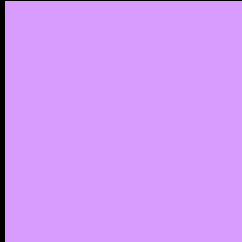
Large Text (above 18pt) WCAG AA × Fail

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, 57.112, 314.757 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, 57.112, 314.757

Background



This preview shows how black text looks on a background with the CIELCh color 73, 57.112, 314.757.



This preview shows how white text looks on a background with the CIELCh color 73, 57.112, 314.757.

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
73, 57.112, 314.757

Protanopia
73, 42.576, 284.971

Deuteranopia
73, 39.867, 284.799



Tritanopia
73, 14.990, 352.827

Trichromacy



Original Color
73, 57.112, 314.757



Protanomaly
73, 46.899, 297.459



Deuteranomaly
73, 44.774, 297.852

Tritanomaly
73, 28.650, 325.582

Monochromacy



Original Color
73, 57.112, 314.757



Achromatopsia
75, 0.009, 296.813



Achromatomaly
74, 21.270, 314.489

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 57.112, 314.757 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(216, 155, 254)` looks like.

```
.text, #text, p{  
    color:rgb(216, 155, 254)  
}
```

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(216, 155, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 155, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 57.112, 314.757 is called "border". The border property can be set on classes, ids or directly on the HTML element.

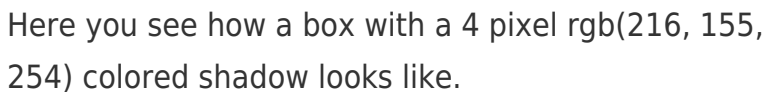
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 155, 254) }
```

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

```
.border{ border-color:rgb(216, 155, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 155, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 155, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 155, 254); box-shadow:4px 4px 4px 4px rgb(216, 155, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 57.112, 314.757 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 155, 254) }
```

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

```
.background{ background-color: rgb(216,  
155, 254) }
```

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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