

Converting Colors

CIELCh(73, 58.755, 316.296)

Have a look what the booklet for
CIELCh(73, 58.755, 316.296)
contains.

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Color

CIELCh(73, 58.710, 316.290)

Conversions

Conversions Part 1

Format	Color
Hex	DC99FE
RGB	220, 153, 254
RGB Percent	86%, 60%, 100%
CMY	0.1372, 0.3999, 0.0038
CMYK	0.13, 0.40, 0.00, 0.00
HSL	280°, 98%, 80%
HSV	280°, 40%, 100%
XYZ	58.8082, 45.1644, 99.4013
YIQ	184.5470, 7.5110, 45.6150

Conversions

Conversions Part 2

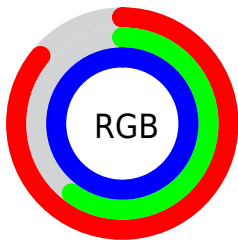
Format	Color
R _Y B	220, 153, 254
Decimal	14457342
CIE Lab	73.00, 42.44, -40.57
CIE LCh	73, 58.710, 316.290
Yxy	45.1644, 0.2892, 0.2221
Android (android.graphics.Color)	4292647422 (0xFFDC99FE)
YUV	184.5470, 34.2403, 31.0923
Hunter-Lab	67.2044, 38.5911, -40.6520

Details

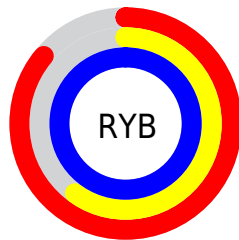
The CIELCh color $73, 58.710, 316.290$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $93, 56.706, 132.624$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 29.467, 325.450$, and $53, 58.975, 316.204$ is the 20% darker color. If you saturate the color by 10%, you get $67, 73.332, 316.683$, and if you desaturate by 10%, it is $79, 43.765, 315.854$.

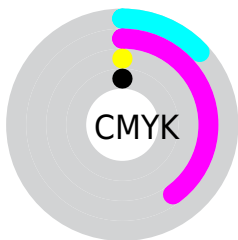
Distribution



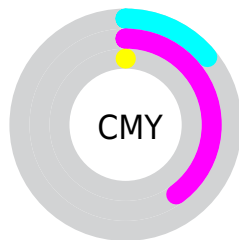
- Red (86%)
- Green (60%)
- Blue (100%)



- Red (86%)
- Yellow (60%)
- Blue (100%)



- Cyan (13%)
- Magenta (40%)
- Yellow (0%)
- Black (0%)





- Cyan (14%)
- Magenta (40%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 58.710, 316.290 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, 58.710, 316.290 by changing the saturation by 10% instead.


 73, 58.710,
316.290


 73, 58.710,
316.290


 100, 58.710,
316.290


 63, 58.710,
316.290


 93, 58.710,
316.290

 53, 58.710,
316.290

 43, 58.710,
316.290

 33, 58.710,
316.290

 23, 58.710,
316.290

 13, 58.710,
316.290

 3, 58.710, 316.290

■ 0, 58.710, 316.290

■ 73, 58.710,
316.290

■ 73, 58.710,
316.290

■ 67, 73.332,
316.683

■ 79, 43.765,
315.854

■ 61, 87.149,
316.988

■ 86, 28.825,
315.404

■ 56, 99.483,
317.146

■ 93, 14.088,
314.958

■ 52, 109.518,
317.083

■ 100, 0.331,
135.168

■ 49, 116.490,
316.724

■ 100, 0.485,
109.982

■ 46, 120.313,
316.052

■ 46,120.391,
316.035

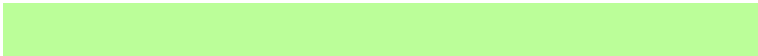
Harmonies

Complementary

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



73, 58.710, 316.290



93, 56.706, 132.624

Rectangle

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



73, 58.710, 316.290



73, 58.710, 6.290



73, 58.710, 136.290



73, 58.710, 186.290

Sweetspot

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



73, 58.708, 316.290



92, 17.419, 315.058



76, 36.401, 276.594



48, 11.571, 315.116



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, 58.708, 316.290



68, 71.022, 316.619



76, 56.706, 331.316



49, 8.230, 314.947



35, 97.141, 316.209



8, 44.340, 317.460

Inverse Universe

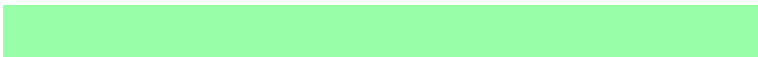
The Inverse Universe completely reimagines the original color for something new.



74, 41.895, 358.241



70, 50.755, 359.719



92, 56.695, 145.605



50, 5.775, 354.319



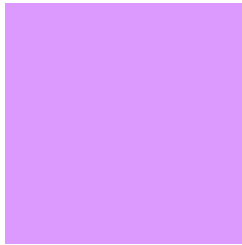
40, 69.567, 17.884



10, 31.338, 10.050

Previews

White Background



This preview shows how the CIELCh color 73, 58.710, 316.290 looks on a white background.

Color Contrast Check

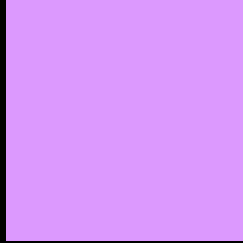
Large Text (above 18pt) WCAG AA × Fail

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, 58.710, 316.290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

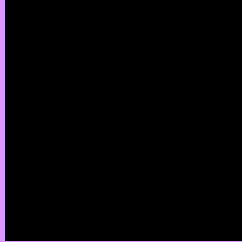
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 58.710, 316.290

Background



This preview shows how black text looks on a background with the CIELCh color 73, 58.710, 316.290.

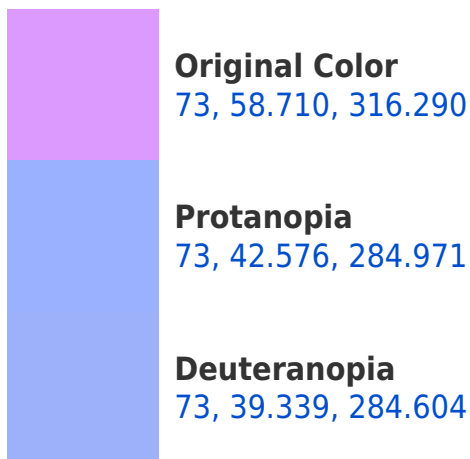


This preview shows how white text looks on a background with the CIELCh color 73, 58.710, 316.290.

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, 16.725, 356.152

Trichromacy



Original Color
73, 58.710, 316.290



Protanomaly
73, 47.514, 298.212



Deuteranomaly
73, 45.395, 298.640

Tritanomaly
73, 30.312, 328.630

Monochromacy



Original Color
73, 58.710, 316.290



Achromatopsia
75, 0.009, 296.813



Achromatomaly
74, 22.037, 315.695

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 58.710, 316.290 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(220, 153, 254)` looks like.

```
.text, #text, p{  
    color:rgb(220, 153, 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(220, 153, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 153, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 58.710, 316.290 is called "border". The border property can be set on classes, ids or directly on the HTML element.

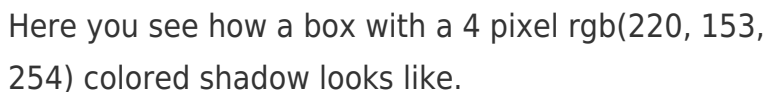
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(220, 153, 254) }
```

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

```
.border{ border-color:rgb(220, 153, 254) }
```

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



Here you see how a box with a 4 pixel `rgb(220, 153, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 153, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 153, 254); box-shadow:4px 4px 4px 4px rgb(220, 153, 254) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 58.710, 316.290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 153, 254) }
```

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

```
.background{ background-color: rgb(220,  
153, 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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