

Converting Colors

CIELCh(73, 59.020, 307.739)

Have a look what the booklet for
CIELCh(73, 59.020, 307.739)
contains.

CIELCh(73, 53.991, 308.947)	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, 53.991, 308.947)

Conversions

Conversions Part 1

Format	Color
Hex	CAA0FF
RGB	202, 160, 255
RGB Percent	79%, 63%, 100%
CMY	0.2064, 0.3714, 0.0000
CMYK	0.21, 0.37, 0.00, 0.00
HSL	267°, 100%, 81%
HSV	267°, 37%, 100%
XYZ	55.3584, 45.1644, 101.6017
YIQ	183.3880, -5.4630, 38.4490

Conversions

Conversions Part 2

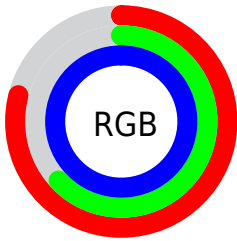
Format	Color
R _Y B	202, 160, 255
Decimal	13279487
CIE Lab	73.00, 33.94, -41.99
CIE LCh	73, 53.991, 308.947
Yxy	45.1644, 0.2739, 0.2234
Android (android.graphics.Color)	4291469567 (0xFFCAA0FF)
YUV	183.3880, 35.3047, 16.3227
Hunter-Lab	67.2044, 29.4282, -42.5933

Details

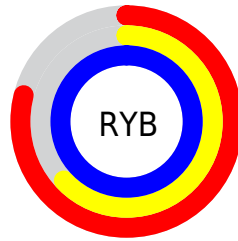
The CIELCh color $73, 53.991, 308.947$ is a light color, and the websafe version is hex `CC99FF`. A complement of this color would be $95, 50.121, 125.278$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 25.059, 325.297$, and $53, 53.400, 308.925$ is the 20% darker color. If you saturate the color by 10%, you get $66, 68.249, 309.760$, and if you desaturate by 10%, it is $80, 38.437, 308.526$.

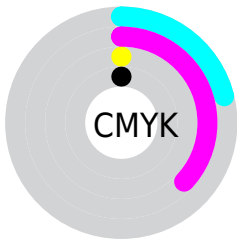
Distribution



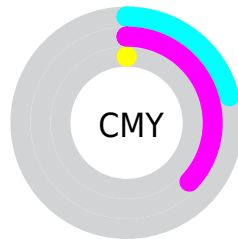
- Red (79%)
- Green (63%)
- Blue (100%)



- Red (79%)
- Yellow (63%)
- Blue (100%)



- Cyan (21%)
- Magenta (37%)
- Yellow (0%)
- Black (0%)





- Cyan (21%)
- Magenta (37%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 53.991, 308.947 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, 53.991, 308.947 by changing the saturation by 10% instead.


 73, 53.991,
308.947


 73, 53.991,
308.947


 100, 53.991,
308.947


 63, 53.991,
308.947


 93, 53.991,
308.947

 53, 53.991,
308.947

 43, 53.991,
308.947

 33, 53.991,
308.947

 23, 53.991,
308.947

 13, 53.991,
308.947

 3, 53.991, 308.947

■ 0, 53.991, 308.947

■ 73, 53.991,
308.947

■ 73, 53.991,
308.947

■ 66, 68.249,
309.760

■ 80, 38.437,
308.526

■ 59, 83.046,
310.358

■ 87, 23.924,
307.954

■ 53, 97.101,
310.861

■ 95, 9.815, 307.427

■ 47, 109.547,
311.165

100, 0.012,
296.813

■ 43, 119.263,
311.139

■ 40, 125.276,
310.662

■ 39,126.568,
310.488

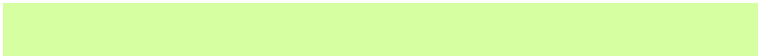
Harmonies

Complementary

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



73, 53.991, 308.947



95, 50.121, 125.278

Rectangle

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



73, 53.991, 308.947



73, 53.991, 358.947



73, 53.991, 128.947



73, 53.991, 178.947

Sweetspot

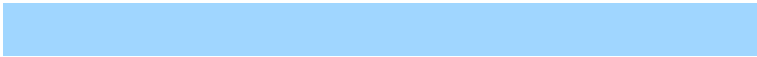
The Sweet Spot groups the original color and five complimentary colors.



73, 53.270, 309.136



92, 15.214, 307.626



83, 26.585, 253.824



48, 10.244, 307.697



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, 53.270, 309.136



67, 65.049, 309.627



78, 58.045, 324.494



49, 7.846, 307.548



29, 101.737, 310.679



6, 44.921, 311.363

Inverse Universe

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



77, 43.843, 344.179



73, 52.777, 345.117



93, 57.839, 140.128



50, 6.629, 341.486



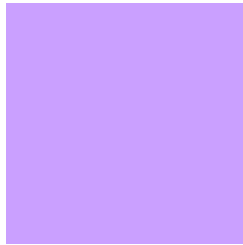
41, 69.171, 356.915



11, 32.502, 352.196

Previews

White Background



This preview shows how the CIELCh color 73, 53.991, 308.947 looks on a white background.

Color Contrast Check

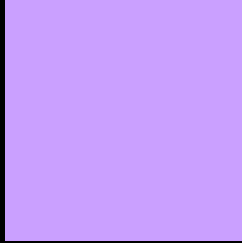
Large Text (above 18pt) WCAG AA × Fail

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, 53.991, 308.947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

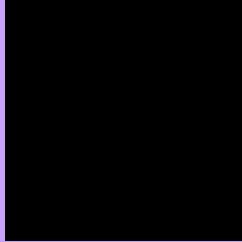
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 53.991, 308.947

Background



This preview shows how black text looks on a background with the CIELCh color 73, 53.991, 308.947.



This preview shows how white text looks on a background with the CIELCh color 73, 53.991, 308.947.

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, 53.433, 309.072

Protanopia
73, 42.576, 284.971

Deuteranopia
73, 40.995, 284.396



Tritanopia
73, 9.918, 330.228

Trichromacy



Original Color
73, 53.433, 309.072

Protanomaly
73, 45.667, 294.771

Deuteranomaly
73, 44.594, 294.693

Tritanomaly
73, 25.232, 313.509

Monochromacy



Original Color
73, 53.433, 309.072

Achromatopsia
75, 0.009, 296.813

Achromatomaly
74, 19.900, 308.362

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 53.991, 308.947 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(202, 160, 255)` looks like.

```
.text, #text, p{  
    color:rgb(202, 160, 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(202, 160, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 160, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 53.991, 308.947 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(202, 160, 255) }
```

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

```
.border{ border-color:rgb(202, 160, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 160, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 160, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 160, 255);  
box-shadow:4px 4px 4px 4px rgb(202, 160,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 53.991, 308.947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 160, 255) }
```

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

```
.background{ background-color: rgb(202,  
160, 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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