

Converting Colors

CIELCh(79, 37.394, 302.067)

Have a look what the booklet for
CIELCh(79, 37.394, 302.067)
contains.

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Color

CIELCh(79, 37.454, 301.802)

Conversions

Conversions Part 1

Format	Color
Hex	<code>CBBAFF</code>
RGB	<code>203, 186, 255</code>
RGB Percent	<code>80%, 73%, 100%</code>
CMY	<code>0.2046, 0.2712, 0.0007</code>
CMYK	<code>0.20, 0.27, 0.00, 0.00</code>
HSL	<code>255°, 99%, 86%</code>
HSV	<code>255°, 27%, 100%</code>
XYZ	<code>60.1270, 54.9284, 101.8916</code>
YIQ	<code>198.9490, -12.0170, 25.0630</code>

Conversions

Conversions Part 2

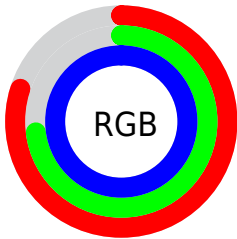
Format	Color
R _Y B	203, 186, 255
Decimal	13351679
CIE Lab	79.00, 19.74, -31.83
CIE LCh	79, 37.454, 301.802
Yxy	54.9284, 0.2772, 0.2532
Android (android.graphics.Color)	4291541759 (0xFFCBBBAFF)
YUV	198.9490, 27.6331, 3.5527
Hunter-Lab	74.1137, 15.1147, -29.6324

Details

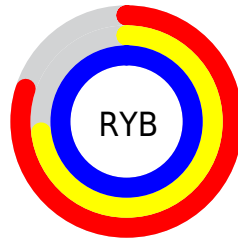
The CIELCh color `79, 37.454, 301.802` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `97, 35.348, 118.039`, and the grayscale version is `80, 0.010, 296.813`.

A 20% lighter version of the original color is `97, 8.100, 324.685`, and `59, 37.321, 301.774` is the 20% darker color. If you saturate the color by 10%, you get `71, 52.219, 302.748`, and if you desaturate by 10%, it is `87, 23.183, 300.962`.

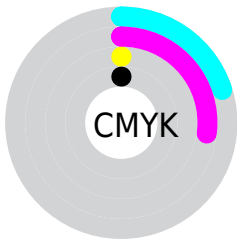
Distribution



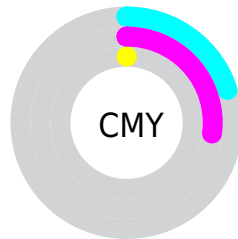
- Red (80%)
- Green (73%)
- Blue (100%)



- Red (80%)
- Yellow (73%)
- Blue (100%)



- Cyan (20%)
- Magenta (27%)
- Yellow (0%)
- Black (0%)





- Cyan (20%)
- Magenta (27%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 37.454, 301.802 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 79, 37.454, 301.802 by changing the saturation by 10% instead.


 79, 37.454,
301.802

 79, 37.454,
301.802


 100, 37.454,
301.802


 69, 37.454,
301.802


 99, 37.454,
301.802

 59, 37.454,
301.802

 49, 37.454,
301.802

 39, 37.454,
301.802

 29, 37.454,
301.802

 19, 37.454,
301.802

 9, 37.454, 301.802

0, 37.454, 301.802

79, 37.454,
301.802

79, 37.454,
301.802

71, 52.219,
302.748

87, 23.183,
300.962

64, 67.397,
303.791

94, 9.431, 300.226

56, 82.760,
304.895

100, 0.078,
109.178

49, 97.820,
305.986

43, 111.649,
306.927

38, 122.797,
307.522

■ 35,129.721,
307.575

■ 35,131.186,
307.545

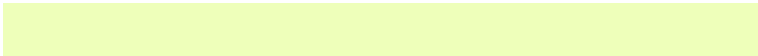
Harmonies

Complementary

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



79, 37.454, 301.802



97, 35.348, 118.039

Rectangle

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



79, 37.454, 301.802



79, 37.454, 351.802



79, 37.454, 121.802



79, 37.454, 171.802

Sweetspot

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



79, 37.452, 301.802



94, 10.691, 300.290



91, 18.695, 225.106



49, 7.618, 300.396



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



79, 37.452, 301.802



75, 44.695, 302.255



82, 40.447, 317.953



49, 7.618, 300.396



25, 105.520, 307.678



4, 44.651, 306.501

Inverse Universe

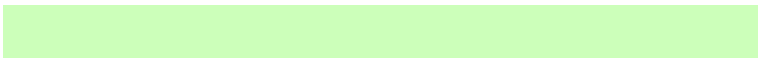
The Inverse Universe completely reimagines the original color for something new.



83, 36.529, 334.040



80, 43.143, 334.406



95, 39.736, 135.454



50, 7.627, 332.794



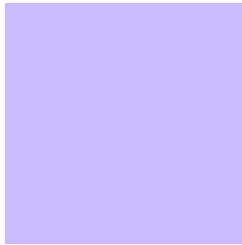
43, 77.047, 341.153



11, 36.207, 339.225

Previews

White Background



This preview shows how the CIELCh color 79, 37.454, 301.802 looks on a white background.

Color Contrast Check

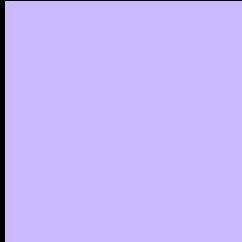
Large Text (above 18pt) WCAG AA × Fail

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 79, 37.454, 301.802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

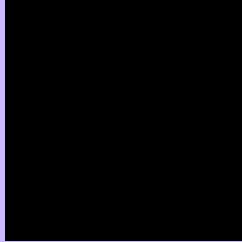
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 37.454, 301.802

Background



This preview shows how black text looks on a background with the CIELCh color 79, 37.454, 301.802.




This preview shows how white text looks on a background with the CIELCh color 79, 37.454, 301.802.

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
79, 8.570, 293.332

Trichromacy



Original Color
79, 37.454, 301.802

Protanomaly
79, 34.768, 292.198

Deuteranomaly
79, 34.245, 293.719

Tritanomaly
79, 18.935, 299.153

Monochromacy



Original Color
79, 37.454, 301.802

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 13.554, 300.294

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 37.454, 301.802 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(203, 186, 255)` looks like.

```
.text, #text, p{  
    color:rgb(203, 186, 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(203, 186, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 186, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 37.454, 301.802 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(203, 186, 255) }
```

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

```
.border{ border-color:rgb(203, 186, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 186, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 186, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 186, 255);  
box-shadow:4px 4px 4px 4px rgb(203, 186,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 37.454, 301.802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 186, 255) }
```

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

```
.background{ background-color: rgb(203,  
186, 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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