

Converting Colors

CIELCh(77, 20.462, 309.823)

Have a look what the booklet for
CIELCh(77, 20.462, 309.823)
contains.

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Color

CIELCh(77, 20.462, 309.823)

Conversions

Conversions Part 1

Format	Color
Hex	C9B7DB
RGB	201, 183, 219
RGB Percent	79%, 72%, 86%
CMY	0.2109, 0.2815, 0.1403
CMYK	0.08, 0.16, 0.00, 0.14
HSL	270°, 33%, 79%
HSV	270°, 16%, 86%
XYZ	53.9415, 51.5317, 74.2769
YIQ	192.4860, -0.8280, 15.0120

Conversions

Conversions Part 2

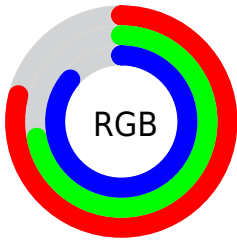
Format	Color
R_{YB}	201, 183, 219
Decimal	13219803
CIE _{Lab}	77.00, 13.10, -15.72
CIE _{LCh}	77, 20.462, 309.823
Yxy	51.5317, 0.3001, 0.2867
Android (android.graphics.Color)	4291409883 (0xFFC9B7DB)
YUV	192.4860, 13.0714, 7.4668
Hunter-Lab	71.7856, 8.5046, -11.0977

Details

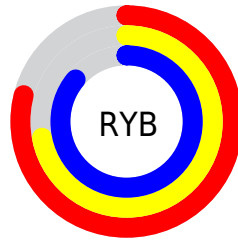
The CIELCh color $77, 20.462, 309.823$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $85, 20.006, 128.331$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 9.976, 324.758$, and $57, 20.503, 310.020$ is the 20% darker color. If you saturate the color by 10%, you get $71, 33.354, 310.339$, and if you desaturate by 10%, it is $83, 7.892, 309.336$.

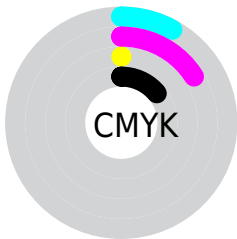
Distribution



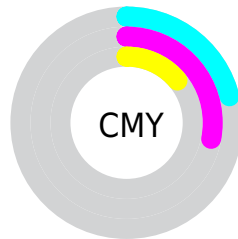
- Red (79%)
- Green (72%)
- Blue (86%)



- Red (79%)
- Yellow (72%)
- Blue (86%)



- Cyan (8%)
- Magenta (16%)
- Yellow (0%)
- Black (14%)



- Cyan (21%)
- Magenta (28%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 20.462, 309.823 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 77, 20.462, 309.823 by changing the saturation by 10% instead.


 77, 20.462,
309.823

 77, 20.462,
309.823


 100, 20.462,
309.823


 67, 20.462,
309.823


 97, 20.462,
309.823

 57, 20.462,
309.823

 47, 20.462,
309.823

 37, 20.462,
309.823

 27, 20.462,
309.823

 17, 20.462,
309.823

 7, 20.462, 309.823

0, 20.462, 309.823

77, 20.462,
309.823

77, 20.462,
309.823

71, 33.354,
310.339

83, 7.892, 309.336

64, 46.488,
310.881

90, 4.312, 128.948

58, 59.697,
311.424

96, 16.139,
128.539

53, 72.688,
311.930

98, 18.495,
120.116

47, 84.981,
312.338

99, 18.089,
108.809

42, 95.864,
312.557

■ 38, 104.443,
312.475

■ 36, 109.936,
311.986

■ 35, 111.458,
311.770

Harmonies

Complementary

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



77, 20.462, 309.823



85, 20.006, 128.331

Rectangle

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



77, 20.462, 309.823



77, 20.462, 359.823



77, 20.462, 129.823



77, 20.462, 179.823

Sweetspot

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



77, 20.460, 309.822



96, 6.933, 309.269



80, 11.109, 255.871



51, 4.734, 309.303



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 20.460, 309.822



86, 28.311, 310.012



79, 23.097, 324.869



43, 7.005, 309.480



27, 93.406, 311.949



3, 31.241, 309.399

Inverse Universe

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



78, 16.434, 345.048



87, 22.705, 345.414



84, 23.065, 143.007



43, 5.638, 344.393



37, 63.492, 1.779



6, 25.069, 354.524

Previews

White Background



This preview shows how the CIELCh color 77, 20.462, 309.823 looks on a white background.

Color Contrast Check

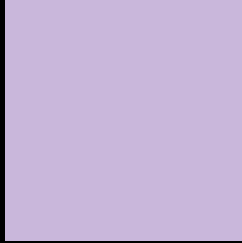
Large Text (above 18pt) WCAG AA × Fail

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 77, 20.462, 309.823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

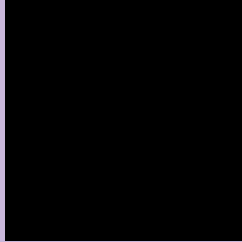
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 20.462, 309.823

Background



This preview shows how black text looks on a background with the CIELCh color 77, 20.462, 309.823.



This preview shows how white text looks on a background with the CIELCh color 77, 20.462, 309.823.

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

77, 20.462, 309.823

Protanopia

77, 18.302, 286.521

Deuteranopia

77, 18.686, 302.551



Tritanopia
77, 9.217, 319.116

Trichromacy



Original Color
77, 20.462, 309.823

Protanomaly
77, 18.869, 295.018

Deuteranomaly
77, 19.452, 305.333

Tritanomaly
77, 13.413, 313.225

Monochromacy



Original Color
77, 20.462, 309.823

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 7.965, 309.357

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 20.462, 309.823 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(201, 183, 219)` looks like.

```
.text, #text, p{  
    color:rgb(201, 183, 219)  
}
```

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(201, 183, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 183, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 20.462, 309.823 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(201, 183, 219) }
```

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

```
.border{ border-color:rgb(201, 183, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 183, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 183, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 183, 219);  
box-shadow:4px 4px 4px 4px rgb(201, 183,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 20.462, 309.823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 183, 219) }
```

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

```
.background{ background-color: rgb(201,  
183, 219) }
```

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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