

Converting Colors

CIELCh(77, 18.948, 299.689)

Have a look what the booklet for
CIELCh(77, 18.948, 299.689)
contains.

CIELCh(77, 18.495, 299.361)	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(77, 18.495, 299.361)

Conversions

Conversions Part 1

Format	Color
Hex	C1BADC
RGB	193, 186, 220
RGB Percent	76%, 73%, 86%
CMY	0.2437, 0.2712, 0.1379
CMYK	0.12, 0.15, 0.00, 0.14
HSL	252°, 33%, 80%
HSV	252°, 15%, 86%
XYZ	52.3792, 51.5317, 74.7893
YIQ	191.9690, -6.7420, 12.0580

Conversions

Conversions Part 2

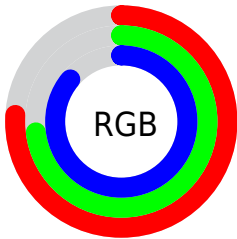
Format	Color
R_{YB}	193, 186, 220
Decimal	12696284
CIE _{Lab}	77.00, 9.07, -16.12
CIE _{LCh}	77, 18.495, 299.361
Yxy	51.5317, 0.2931, 0.2884
Android (android.graphics.Color)	4290886364 (0xFFC1BADC)
YUV	191.9690, 13.8193, 0.9042
Hunter-Lab	71.7856, 4.6197, -11.5209

Details

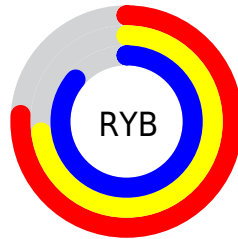
The CIELCh color $77, 18.495, 299.361$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $86, 17.897, 117.175$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 7.257, 313.181$, and $57, 18.462, 299.006$ is the 20% darker color. If you saturate the color by 10%, you get $70, 31.040, 300.244$, and if you desaturate by 10%, it is $84, 6.415, 298.589$.

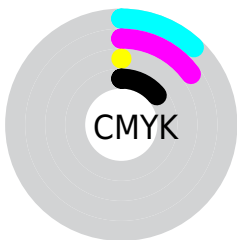
Distribution



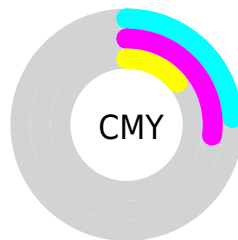
- Red (76%)
- Green (73%)
- Blue (86%)



- Red (76%)
- Yellow (73%)
- Blue (86%)



- Cyan (12%)
- Magenta (15%)
- Yellow (0%)
- Black (14%)



- Cyan (24%)
- Magenta (27%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 18.495, 299.361 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, 18.495, 299.361 by changing the saturation by 10% instead.

■ 77, 18.495,
299.361

■ 77, 18.495,
299.361

■ 100, 18.495,
299.361

■ 67, 18.495,
299.361

■ 97, 18.495,
299.361

■ 57, 18.495,
299.361

■ 47, 18.495,
299.361

■ 37, 18.495,
299.361

■ 27, 18.495,
299.361

■ 17, 18.495,
299.361

■ 7, 18.495, 299.361

0, 18.495, 299.361

77, 18.495,
299.361

77, 18.495,
299.361

70, 31.040,
300.244

84, 6.415, 298.589

63, 44.055,
301.251

91, 5.212, 117.931

56, 57.488,
302.377

98, 16.412,
117.358

50, 71.191,
303.596

99, 17.776,
108.833

43, 84.807,
304.842

38, 97.611,
305.990

■ 33, 108.374,
306.843

■ 30, 115.573,
307.177

■ 29, 117.882,
307.231

Harmonies

Complementary

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



77, 18.495, 299.361



86, 17.897, 117.175

Rectangle

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



77, 18.495, 299.361



77, 18.495, 349.361



77, 18.495, 119.361



77, 18.495, 169.361

Sweetspot

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



77, 18.493, 299.359



96, 6.619, 298.559



84, 9.956, 220.045



51, 4.521, 298.610



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, 18.493, 299.359



85, 25.812, 299.672



78, 20.149, 316.379



42, 6.700, 298.882



22, 98.590, 307.340



2, 29.934, 299.943

Inverse Universe

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



79, 18.993, 331.692



88, 26.362, 331.938



85, 19.911, 135.054



43, 6.935, 331.293



39, 73.847, 338.453



6, 29.897, 336.327

Previews

White Background



This preview shows how the CIELCh color 77, 18.495, 299.361 looks on a white background.

Color Contrast Check

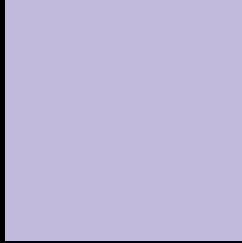
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 77, 18.495, 299.361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

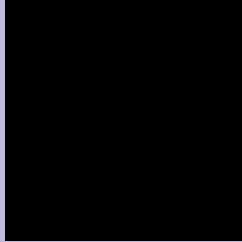
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 18.495, 299.361

Background



This preview shows how black text looks on a background with the CIELCh color 77, 18.495, 299.361.



This preview shows how white text looks on a background with the CIELCh color 77, 18.495, 299.361.

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, 18.495, 299.361

Protanopia

77, 18.298, 287.585

Deuteranopia

77, 19.151, 301.250



Tritanopia
77, 8.075, 293.464

Trichromacy



Original Color
77, 18.495, 299.361

Protanomaly
77, 18.290, 291.852

Deuteranomaly
77, 19.151, 301.250

Tritanomaly
77, 11.893, 296.376

Monochromacy



Original Color
77, 18.495, 299.361

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 6.495, 297.143

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 18.495, 299.361 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(193, 186, 220)` looks like.

```
.text, #text, p{  
    color:rgb(193, 186, 220)  
}
```

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(193, 186, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 186, 220) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 18.495, 299.361 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(193, 186, 220) }
```

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

```
.border{ border-color:rgb(193, 186, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 186, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 186, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 186, 220);  
box-shadow:4px 4px 4px 4px rgb(193, 186,  
220) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 18.495, 299.361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 186, 220) }
```

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

```
.background{ background-color: rgb(193,  
186, 220) }
```

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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