

Converting Colors

CIELCh(77, 26.353, 314.381)

Have a look what the booklet for
CIELCh(77, 26.353, 314.381)
contains.

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Color

CIELCh(77, 26.204, 314.074)

Conversions

Conversions Part 1

Format	Color
Hex	D0B4E1
RGB	208, 180, 225
RGB Percent	82%, 71%, 88%
CMY	0.1840, 0.2938, 0.1174
CMYK	0.08, 0.20, 0.00, 0.12
HSL	277°, 43%, 79%
HSV	277°, 20%, 88%
XYZ	55.9690, 51.5317, 78.2839
YIQ	193.5020, 2.2430, 19.9310

Conversions

Conversions Part 2

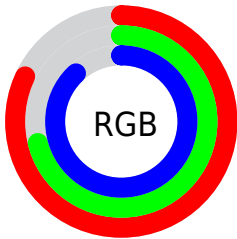
Format	Color
RYB	208, 180, 225
Decimal	13677793
CIELab	77.00, 18.23, -18.83
CIELCh	77, 26.204, 314.074
Yxy	51.5317, 0.3013, 0.2774
Android (android.graphics.Color)	4291867873 (0xFFD0B4E1)
YUV	193.5020, 15.5285, 12.7147
Hunter-Lab	71.7856, 13.5461, -14.4072

Details

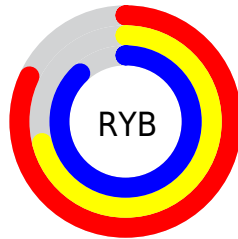
The CIELCh color $77, 26.204, 314.074$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $87, 25.688, 132.338$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $95, 11.855, 324.828$, and $57, 26.416, 313.722$ is the 20% darker color. If you saturate the color by 10%, you get $71, 39.669, 314.532$, and if you desaturate by 10%, it is $83, 12.949, 313.624$.

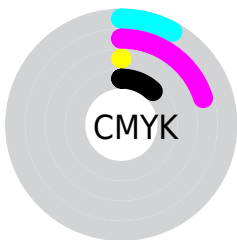
Distribution



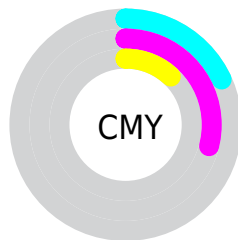
- Red (82%)
- Green (71%)
- Blue (88%)



- Red (82%)
- Yellow (71%)
- Blue (88%)



- Cyan (8%)
- Magenta (20%)
- Yellow (0%)
- Black (12%)





- Cyan (18%)
- Magenta (29%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 26.204, 314.074 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, 26.204, 314.074 by changing the saturation by 10% instead.


 77, 26.204,
314.074


 77, 26.204,
314.074


 100, 26.204,
314.074


 67, 26.204,
314.074


 97, 26.204,
314.074

 57, 26.204,
314.074

 47, 26.204,
314.074

 37, 26.204,
314.074

 27, 26.204,
314.074

 17, 26.204,
314.074

 7, 26.204, 314.074

0, 26.204, 314.074

77, 26.204,
314.074

77, 26.204,
314.074

71, 39.669,
314.532

83, 12.949,
313.624

65, 53.191,
314.983

90, 0.003, 250.892

59, 66.497,
315.397

96, 12.595,
132.848

54, 79.171,
315.731

98, 15.909,
126.085

49, 90.614,
315.920

99, 15.243,
115.073

45, 100.074,
315.887

99, 15.140,
109.033

■ 42, 106.804,
315.547

■ 40, 110.748,
314.892

■ 40, 110.751,
314.891

Harmonies

Complementary

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



77, 26.204, 314.074



87, 25.688, 132.338

Rectangle

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



77, 26.204, 314.074



77, 26.204, 4.074



77, 26.204, 134.074



77, 26.204, 184.074

Sweetspot

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



77, 26.202, 314.073



96, 8.564, 313.447



79, 15.759, 269.845



51, 5.685, 313.477



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, 26.202, 314.073



83, 34.949, 314.264



78, 26.682, 328.953



44, 7.335, 313.600



30, 92.021, 315.066



4, 34.337, 314.915

Inverse Universe

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



78, 19.085, 352.752



84, 25.488, 353.240



86, 26.631, 146.445



44, 5.320, 351.618



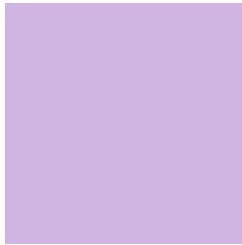
37, 64.473, 13.606



6, 25.586, 3.161

Previews

White Background



This preview shows how the CIELCh color 77, 26.204, 314.074 looks on a white background.

Color Contrast Check

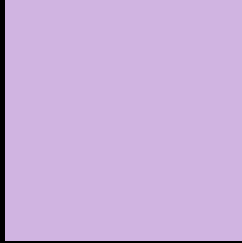
Large Text (above 18pt) WCAG AA × Fail

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, 26.204, 314.074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

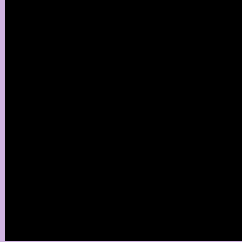
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 26.204, 314.074

Background



This preview shows how black text looks on a background with the CIELCh color 77, 26.204, 314.074.



This preview shows how white text looks on a background with the CIELCh color 77, 26.204, 314.074.

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, 26.204, 314.074

Protanopia

77, 23.166, 286.532

Deuteranopia

77, 20.583, 297.757



Tritanopia
77, 10.298, 333.417

Trichromacy



Original Color
77, 26.204, 314.074

Protanomaly
77, 23.809, 297.203

Deuteranomaly
77, 22.139, 304.695

Tritanomaly
77, 15.675, 321.703

Monochromacy



Original Color
77, 26.204, 314.074

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 9.356, 313.617

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 26.204, 314.074 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(208, 180, 225)` looks like.

```
.text, #text, p{  
    color:rgb(208, 180, 225)  
}
```

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(208, 180, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 180, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 26.204, 314.074 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(208, 180, 225) }
```

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

```
.border{ border-color:rgb(208, 180, 225) }
```

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

Here you see how a box with a 4 pixel rgb(208, 180, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 180, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 180, 225);  
box-shadow:4px 4px 4px 4px rgb(208, 180,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 26.204, 314.074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 180, 225) }
```

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

```
.background{ background-color: rgb(208,  
180, 225) }
```

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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