

Converting Colors

CIELCh(77, 14.488, 325.015)

Have a look what the booklet for
CIELCh(77, 14.488, 325.015)
contains.

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Color

CIELCh(77, 14.970, 325.034)

Conversions

Conversions Part 1

Format	Color
Hex	CEB7CE
RGB	206, 183, 206
RGB Percent	81%, 72%, 81%
CMY	0.1916, 0.2818, 0.1916
CMYK	0.00, 0.11, 0.00, 0.19
HSL	300°, 19%, 76%
HSV	300°, 11%, 81%
XYZ	53.6152, 51.5317, 65.6061
YIQ	192.4990, 6.3250, 12.0290

Conversions

Conversions Part 2

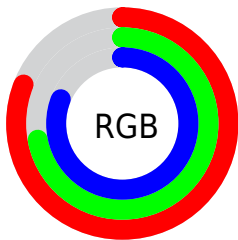
Format	Color
R _Y B	206, 183, 206
Decimal	13547470
CIE Lab	77.00, 12.27, -8.58
CIE LCh	77, 14.970, 325.034
Yxy	51.5317, 0.3140, 0.3018
Android (android.graphics.Color)	4291737550 (0xFFCEB7CE)
YUV	192.4990, 6.6560, 11.8404
Hunter-Lab	71.7856, 7.6932, -3.9362

Details

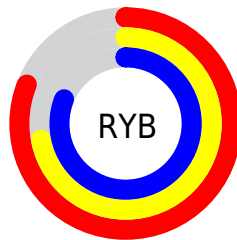
The CIELCh color $77, 14.970, 325.034$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $81, 14.948, 143.795$, and the grayscale version is $78, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 9.976, 324.758$, and $57, 15.170, 325.201$ is the 20% darker color. If you saturate the color by 10%, you get $72, 28.472, 325.587$, and if you desaturate by 10%, it is $82, 1.549, 324.335$.

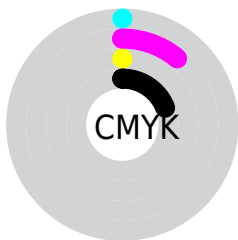
Distribution



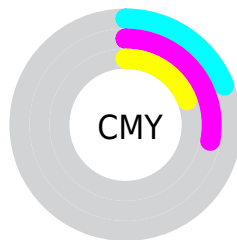
- Red (81%)
- Green (72%)
- Blue (81%)



- Red (81%)
- Yellow (72%)
- Blue (81%)



- Cyan (0%)
- Magenta (11%)
- Yellow (0%)
- Black (19%)





- Cyan (19%)
- Magenta (28%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 14.970, 325.034 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, 14.970, 325.034 by changing the saturation by 10% instead.


 77, 14.970,
325.034


 77, 14.970,
325.034


 100, 14.970,
325.034


 67, 14.970,
325.034


 97, 14.970,
325.034

 57, 14.970,
325.034

 47, 14.970,
325.034

 37, 14.970,
325.034

 27, 14.970,
325.034

 17, 14.970,
325.034

 7, 14.970, 325.034

■ 0, 14.970, 325.034

■ 77, 14.970,
325.034

■ 77, 14.970,
325.034

■ 72, 28.472,
325.587

■ 82, 1.549, 324.335

■ 67, 41.837,
326.122

■ 88, 11.637,
143.992

■ 63, 54.745,
326.627

■ 93, 24.498,
143.459

■ 59, 66.778,
327.086

■ 96, 30.610,
143.212

■ 55, 77.440,
327.482

■ 96, 30.610,
143.212

■ 53, 86.215,
327.801

■ 96, 30.610,
143.213

■ 51, 92.680,
328.031

■ 96, 30.610,
143.213

■ 50, 96.644,
328.170

■ 96, 30.609,
143.213

■ 49, 98.448,
328.233

■ 96, 30.609,
143.213

Harmonies

Complementary

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



77, 14.970, 325.034



81, 14.948, 143.795

Rectangle

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



77, 14.970, 325.034



77, 14.970, 15.034



77, 14.970, 145.034



77, 14.970, 195.034

Sweetspot

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



77, 14.968, 325.034



98, 4.763, 324.543



75, 12.428, 291.346



52, 3.611, 324.601



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, 14.968, 325.034



92, 20.746, 325.146



77, 10.559, 344.550



40, 7.538, 324.934



39, 83.710, 328.233



5, 29.042, 327.497

Inverse Universe

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



77, 14.968, 325.034



92, 20.746, 325.146



81, 10.406, 162.752



40, 7.538, 324.934



39, 83.710, 328.233



5, 29.042, 327.497

Previews

White Background



This preview shows how the CIELCh color 77, 14.970, 325.034 looks on a white background.

Color Contrast Check

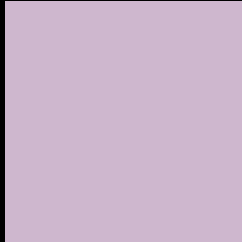
Large Text (above 18pt) WCAG AA × Fail

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, 14.970, 325.034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

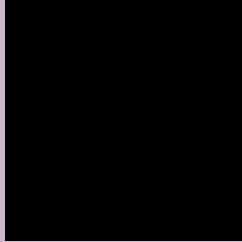
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 14.970, 325.034

Background



This preview shows how black text looks on a background with the CIELCh color 77, 14.970, 325.034.



This preview shows how white text looks on a background with the CIELCh color 77, 14.970, 325.034.

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, 14.970, 325.034

Protanopia

77, 11.283, 289.431

Deuteranopia

77, 12.909, 319.531



Tritanopia
77, 11.197, 334.374

Trichromacy



Original Color
77, 14.970, 325.034

Protanomaly
77, 12.210, 304.730

Deuteranomaly
77, 13.925, 322.474

Tritanomaly
77, 12.392, 329.194

Monochromacy



Original Color
77, 14.970, 325.034

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 5.879, 324.646

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 14.970, 325.034 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(206, 183, 206)` looks like.

```
.text, #text, p{  
    color:rgb(206, 183, 206)  
}
```

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(206, 183, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 183, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 14.970, 325.034 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(206, 183, 206) }
```

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

```
.border{ border-color:rgb(206, 183, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 183, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 183, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 183, 206); box-shadow:4px 4px 4px 4px rgb(206, 183, 206) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 14.970, 325.034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 183, 206) }
```

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

```
.background{ background-color: rgb(206,  
183, 206) }
```

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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