

Converting Colors

CIELCh(75, 31.990, 316.133)

Have a look what the booklet for
CIELCh(75, 31.990, 316.133)
contains.

CIELCh(75, 31.840, 315.689)	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(75, 31.840, 315.689)

Conversions

Conversions Part 1

Format	Color
Hex	D0ACE2
RGB	208, 172, 226
RGB Percent	82%, 67%, 89%
CMY	0.1852, 0.3263, 0.1146
CMYK	0.08, 0.24, 0.00, 0.11
HSL	280°, 48%, 78%
HSV	280°, 24%, 89%
XYZ	54.3564, 48.2781, 78.2414
YIQ	188.9200, 4.1220, 24.4260

Conversions

Conversions Part 2

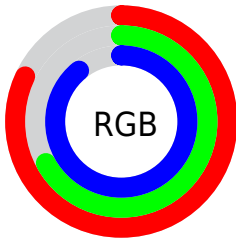
Format	Color
R _Y B	208, 172, 226
Decimal	13675746
CIE Lab	75.00, 22.78, -22.24
CIE LCh	75, 31.840, 315.689
Yxy	48.2781, 0.3005, 0.2669
Android (android.graphics.Color)	4291865826 (0xFFD0ACE2)
YUV	188.9200, 18.2804, 16.7332
Hunter-Lab	69.4824, 18.0469, -18.1264

Details

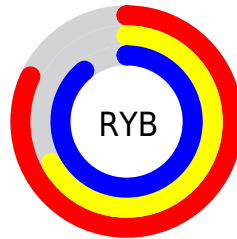
The CIELCh color **75, 31.840, 315.689** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **86, 31.195, 133.577**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 16.877, 325.009**, and **55, 32.358, 315.544** is the 20% darker color. If you saturate the color by 10%, you get **69, 45.448, 316.132**, and if you desaturate by 10%, it is **81, 18.346, 315.244**.

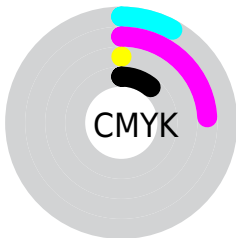
Distribution



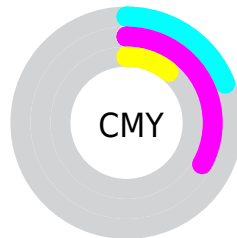
- Red (82%)
- Green (67%)
- Blue (89%)



- Red (82%)
- Yellow (67%)
- Blue (89%)



- Cyan (8%)
- Magenta (24%)
- Yellow (0%)
- Black (11%)





- Cyan (19%)
- Magenta (33%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 31.840, 315.689 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 75, 31.840, 315.689 by changing the saturation by 10% instead.

 75, 31.840,
315.689


 75, 31.840,
315.689


 100, 31.840,
315.689


 65, 31.840,
315.689


 95, 31.840,
315.689

 55, 31.840,
315.689

 45, 31.840,
315.689

 35, 31.840,
315.689

 25, 31.840,
315.689

 15, 31.840,
315.689

 5, 31.840, 315.689

0, 31.840, 315.689

75, 31.840,
315.689

75, 31.840,
315.689

69, 45.448,
316.132

81, 18.346,
315.244

63, 58.959,
316.552

87, 5.104, 314.792

58, 72.024,
316.913

94, 7.815, 134.453

98, 16.112,
131.521

53, 84.141,
317.167

99, 15.236,
122.228

48, 94.646,
317.250

99, 14.815,
111.967

45, 102.797,
317.088

99, 14.787,

■ 42, 108.011,
316.613

109.060

■ 41, 110.010,
316.201

Harmonies

Complementary

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



75, 31.840, 315.689



86, 31.195, 133.577

Rectangle

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



75, 31.840, 315.689



75, 31.840, 5.689



75, 31.840, 135.689



75, 31.840, 185.689

Sweetspot

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



75, 31.838, 315.689



95, 10.114, 314.939



77, 19.674, 273.333



50, 6.576, 314.967



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 31.838, 315.689



80, 42.788, 315.924



76, 31.274, 330.291



44, 7.415, 315.046



32, 91.211, 316.367



5, 34.635, 316.566

Inverse Universe

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



76, 22.507, 356.168



81, 30.340, 356.855



85, 31.192, 147.156



44, 5.189, 354.523



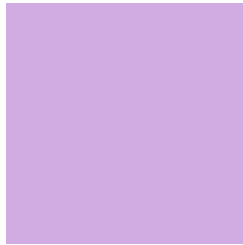
37, 65.370, 17.821



6, 25.434, 5.838

Previews

White Background



This preview shows how the CIELCh color 75, 31.840, 315.689 looks on a white background.

Color Contrast Check

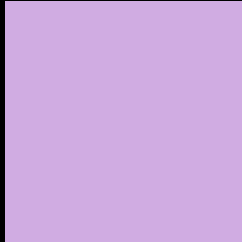
Large Text (above 18pt) WCAG AA × Fail

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 75, 31.840, 315.689 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 75, 31.840, 315.689

Background



This preview shows how black text looks on a background with the CIELCh color 75, 31.840, 315.689.



This preview shows how white text looks on a background with the CIELCh color 75, 31.840, 315.689.

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
75, 12.001, 341.501

Trichromacy



Original Color
75, 31.840, 315.689

Protanomaly
75, 28.248, 296.809

Deuteranomaly
75, 25.957, 303.071

Tritanomaly
75, 18.482, 326.145

Monochromacy



Original Color
75, 31.840, 315.689

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 11.326, 315.606

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 31.840, 315.689 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, 172, 226)` looks like.

```
.text, #text, p{  
    color:rgb(208, 172, 226)  
}
```

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, 172, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 172, 226) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 31.840, 315.689 is called "border". The border property can be set on classes, ids or directly on the HTML element.

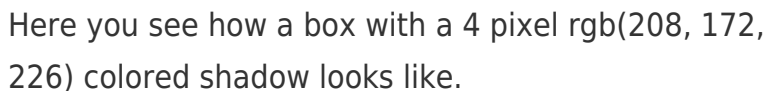
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 172, 226) }
```

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

```
.border{ border-color:rgb(208, 172, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(208, 172, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 172, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 172, 226);  
box-shadow:4px 4px 4px 4px rgb(208, 172,  
226) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 31.840, 315.689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 172, 226) }
```

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

```
.background{ background-color: rgb(208,  
172, 226) }
```

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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