

Converting Colors

CIELCh(66, 31.188, 306.808)

Have a look what the booklet for
CIELCh(66, 31.188, 306.808)
contains.

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Color

CIELCh(66, 30.963, 306.582)

Conversions

Conversions Part 1

Format	Color
Hex	AC97CD
RGB	172, 151, 205
RGB Percent	67%, 59%, 80%
CMY	0.3254, 0.4077, 0.1960
CMYK	0.16, 0.26, 0.00, 0.20
HSL	263°, 35%, 70%
HSV	263°, 26%, 80%
XYZ	39.1122, 35.3238, 62.5314
YIQ	163.4350, -4.8180, 21.2460

Conversions

Conversions Part 2

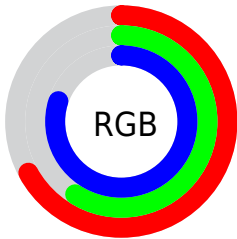
Format	Color
RYB	172, 151, 205
Decimal	11311053
CIELab	66.00, 18.45, -24.86
CIELCh	66, 30.963, 306.582
Yxy	35.3238, 0.2856, 0.2579
Android (android.graphics.Color)	4289501133 (0xFFAC97CD)
YUV	163.4350, 20.4915, 7.5115
Hunter-Lab	59.4338, 13.4579, -20.7764

Details

The CIELCh color $66, 30.963, 306.582$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $80, 29.586, 123.752$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 27.547, 308.629$, and $46, 31.194, 306.485$ is the 20% darker color. If you saturate the color by 10%, you get $60, 43.335, 307.253$, and if you desaturate by 10%, it is $72, 18.907, 305.964$.

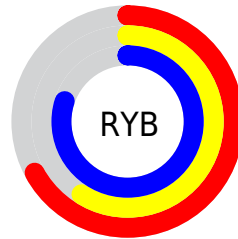
Distribution



Red (67%)

Green (59%)

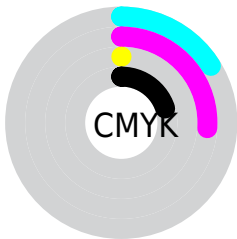
Blue (80%)



Red (67%)

Yellow (59%)

Blue (80%)

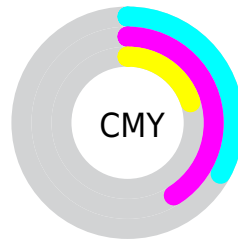


Cyan (16%)

Magenta (26%)

Yellow (0%)

Black (20%)



Cyan (33%)


Magenta (41%)


Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 30.963, 306.582 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 66, 30.963, 306.582 by changing the saturation by 10% instead.


 66, 30.963,
306.582


 66, 30.963,
306.582


 100, 30.963,
306.582


 56, 30.963,
306.582


 86, 30.963,
306.582

 46, 30.963,
306.582

 96, 30.963,
306.582

 36, 30.963,
306.582

 26, 30.963,
306.582

 16, 30.963,
306.582

 6, 30.963, 306.582

 0, 30.963, 306.582

66, 30.963,
306.582

66, 30.963,
306.582

60, 43.335,
307.253

72, 18.907,
305.964

54, 55.917,
307.960

78, 7.220, 305.404

85, 4.087, 124.943

48, 68.485,
308.669

91, 15.018,
124.497

42, 80.632,
309.315

97, 25.586,
124.118

38, 91.685,
309.799

98, 25.417,
114.830

34, 100.692,
309.982

99, 25.221,
108.264

31, 106.688,
309.725

30, 108.454,

Harmonies

Complementary

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



66, 30.963, 306.582



80, 29.586, 123.752

Rectangle

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



66, 30.963, 306.582



66, 30.963, 356.582



66, 30.963, 126.582



66, 30.963, 176.582

Sweetspot

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



66, 30.961, 306.582



94, 10.907, 305.499



73, 15.571, 245.239



49, 7.770, 305.583



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 30.961, 306.582



76, 45.306, 306.983



69, 34.189, 322.488



40, 6.466, 305.570



23, 92.426, 309.756



2, 24.112, 302.791

Inverse Universe

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



68, 27.021, 340.207



80, 39.193, 340.767



78, 33.965, 139.738



40, 5.735, 338.778



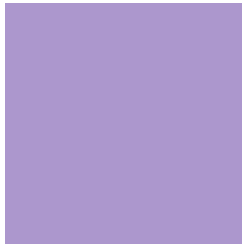
36, 63.718, 351.680



4, 21.276, 346.417

Previews

White Background



This preview shows how the CIELCh color 66, 30.963, 306.582 looks on a white background.

Color Contrast Check

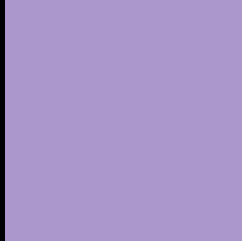
Large Text (above 18pt) WCAG AA × Fail

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 66, 30.963, 306.582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

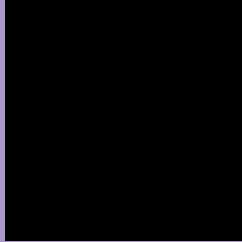
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 30.963, 306.582

Background



This preview shows how black text looks on a background with the CIELCh color 66, 30.963, 306.582.



This preview shows how white text looks on a background with the CIELCh color 66, 30.963, 306.582.

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


66, 30.963, 306.582

Protanopia

66, 28.975, 284.788

Deuteranopia

66, 26.080, 289.921



Tritanopia
66, 7.335, 314.935

Trichromacy



Original Color
66, 30.963, 306.582

Protanomaly
66, 29.406, 292.534

Deuteranomaly
66, 27.304, 296.494

Tritanomaly
66, 16.319, 308.530

Monochromacy



Original Color
66, 30.963, 306.582

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 10.874, 304.903

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 30.963, 306.582 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(172, 151, 205)` looks like.

```
.text, #text, p{  
    color:rgb(172, 151, 205)  
}
```

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(172, 151, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 151, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 30.963, 306.582 is called "border". The border property can be set on classes, ids or directly on the HTML element.

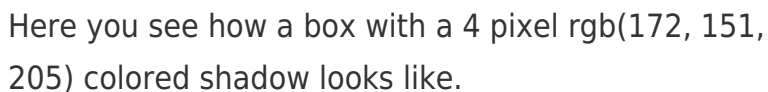
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(172, 151, 205) }
```

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

```
.border{ border-color:rgb(172, 151, 205) }
```

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



Here you see how a box with a 4 pixel `rgb(172, 151, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 151, 205); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 151, 205); box-shadow:4px 4px 4px 4px rgb(172, 151, 205) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 30.963, 306.582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 151, 205) }
```

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

```
.background{ background-color: rgb(172,  
151, 205) }
```

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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