

Converting Colors

CIELCh(66, 27.438, 306.547)

Have a look what the booklet for
CIELCh(66, 27.438, 306.547)
contains.

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Color

CIELCh(66, 27.576, 306.668)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | AB98C8 |
| RGB | 171, 152, 200 |
| RGB Percent | 67%, 60%, 78% |
| CMY | 0.3291, 0.4036, 0.2153 |
| CMYK | 0.14, 0.24, 0.00, 0.22 |
| HSL | 264°, 30%, 69% |
| HSV | 264°, 24%, 78% |
| XYZ | 38.4891, 35.3238, 59.4853 |
| YIQ | 163.1530, -4.0840, 18.9560 |

Conversions

Conversions Part 2

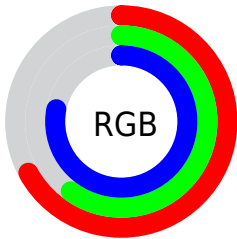
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 171, 152, 200 |
| Decimal | 11245768 |
| CIE _{Lab} | 66.00, 16.47, -22.12 |
| CIE _{LCh} | 66, 27.576, 306.668 |
| Yxy | 35.3238, 0.2887, 0.2650 |
| Android (android.graphics.Color) | 4289435848 (0xFFAB98C8) |
| YUV | 163.1530, 18.1656, 6.8818 |
| Hunter-Lab | 59.4338, 11.5866, -17.7376 |

Details

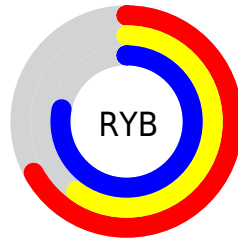
The CIELCh color $66, 27.576, 306.668$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $78, 26.480, 124.141$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 26.840, 307.527$, and $46, 27.589, 306.453$ is the 20% darker color. If you saturate the color by 10%, you get $60, 39.641, 307.316$, and if you desaturate by 10%, it is $72, 15.831, 306.072$.

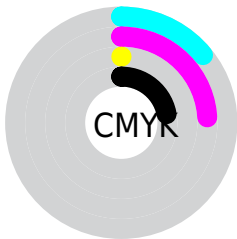
Distribution



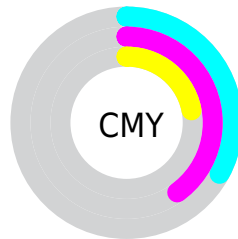
- Red (67%)
- Green (60%)
- Blue (78%)



- Red (67%)
- Yellow (60%)
- Blue (78%)



- Cyan (14%)
- Magenta (24%)
- Yellow (0%)
- Black (22%)



- Cyan (33%)
- Magenta (40%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 27.576, 306.668 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, 27.576, 306.668 by changing the saturation by 10% instead.

 66, 27.576,
306.668

 66, 27.576,
306.668

 100, 27.576,
306.668


 56, 27.576,
306.668


 86, 27.576,
306.668

 46, 27.576,
306.668

 96, 27.576,
306.668

 36, 27.576,
306.668

 26, 27.576,
306.668

 16, 27.576,
306.668

 6, 27.576, 306.668

 0, 27.576, 306.668

66, 27.576,
306.668

66, 27.576,
306.668

60, 39.641,
307.316

72, 15.831,
306.072

54, 51.939,
308.005

78, 4.448, 305.527

84, 6.563, 125.086

48, 64.279,
308.703

90, 17.210,
124.664

43, 76.314,
309.354

96, 27.506,
124.301

38, 87.453,
309.869

98, 28.062,
116.807

34, 96.830,
310.121

99, 27.691,
108.074

30, 103.453,
309.963

29, 106.323,

309.735

Harmonies

Complementary

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



66, 27.576, 306.668



78, 26.480, 124.141

Rectangle

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



66, 27.576, 306.668



66, 27.576, 356.668



66, 27.576, 126.668



66, 27.576, 176.668

Sweetspot

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



66, 27.574, 306.667



95, 9.541, 305.694



72, 13.969, 244.861



50, 6.205, 305.727



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, 27.574, 306.667



78, 40.914, 307.013



68, 30.518, 322.376



39, 6.339, 305.817



23, 91.235, 309.892



2, 22.020, 302.390

Inverse Universe

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



68, 24.001, 340.332



82, 35.365, 340.825



77, 30.331, 139.900



39, 5.589, 339.101



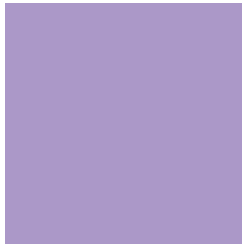
35, 62.805, 352.225



4, 19.075, 346.530

Previews

White Background



This preview shows how the CIELCh color 66, 27.576, 306.668 looks on a white background.

Color Contrast Check

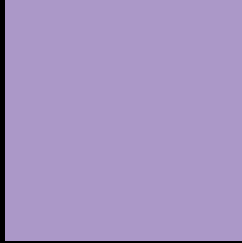
Large Text (above 18pt) WCAG AA × Fail

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 66, 27.576, 306.668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

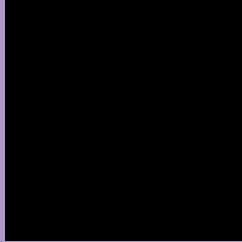
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 27.576, 306.668

Background



This preview shows how black text looks on a background with the CIELCh color 66, 27.576, 306.668.



This preview shows how white text looks on a background with the CIELCh color 66, 27.576, 306.668.

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, 27.576, 306.668

Protanopia

66, 25.605, 285.370

Deuteranopia

66, 23.305, 291.738



Tritanopia
66, 7.335, 314.935

Trichromacy



Original Color
66, 27.576, 306.668

Protanomaly
66, 26.105, 293.589

Deuteranomaly
66, 24.577, 297.480

Tritanomaly
66, 14.612, 308.997

Monochromacy



Original Color
66, 27.576, 306.668

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 9.804, 306.394

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 27.576, 306.668 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(171, 152, 200)` looks like.

```
.text, #text, p{  
    color:rgb(171, 152, 200)  
}
```

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(171, 152, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 152, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 27.576, 306.668 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(171, 152, 200) }
```

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

```
.border{ border-color:rgb(171, 152, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 152, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 152, 200); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 152, 200); box-shadow:4px 4px 4px 4px rgb(171, 152, 200) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 27.576, 306.668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 152, 200) }
```

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

```
.background{ background-color: rgb(171,  
152, 200) }
```

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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