

Converting Colors

CIELCh(66, 14.951, 322.375)

Have a look what the booklet for
CIELCh(66, 14.951, 322.375)
contains.

CIELCh(66, 15.013, 322.698)	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(66, 15.013, 322.698)

Conversions

Conversions Part 1

Format	Color
Hex	AF9AB1
RGB	175, 154, 177
RGB Percent	69%, 60%, 69%
CMY	0.3143, 0.3967, 0.3065
CMYK	0.01, 0.13, 0.00, 0.31
HSL	295°, 13%, 65%
HSV	295°, 13%, 69%
XYZ	37.0937, 35.3238, 46.3750
YIQ	162.9010, 5.1330, 11.6050

Conversions

Conversions Part 2

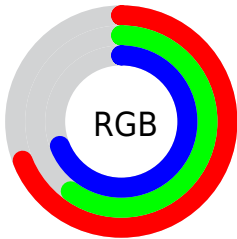
Format	Color
RYB	175, 154, 177
Decimal	11508401
CIELab	66.00, 11.94, -9.10
CIELCh	66, 15.013, 322.698
Yxy	35.3238, 0.3123, 0.2974
Android (android.graphics.Color)	4289698481 (0xFFAF9AB1)
YUV	162.9010, 6.9508, 10.6108
Hunter-Lab	59.4338, 7.3957, -4.6591

Details

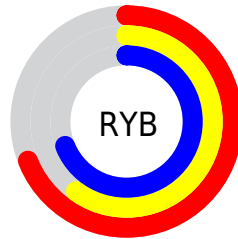
The CIELCh color $66, 15.013, 322.698$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 14.962, 141.402$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 15.513, 322.792$, and $46, 14.621, 322.629$ is the 20% darker color. If you saturate the color by 10%, you get $61, 26.668, 323.191$, and if you desaturate by 10%, it is $71, 3.444, 322.162$.

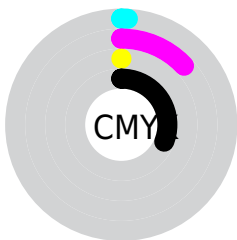
Distribution



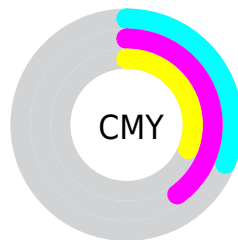
- Red (69%)
- Green (60%)
- Blue (69%)



- Red (69%)
- Yellow (60%)
- Blue (69%)



- Cyan (1%)
- Magenta (13%)
- Yellow (0%)
- Black (31%)





- Cyan (31%)
- Magenta (40%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 15.013, 322.698 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, 15.013, 322.698 by changing the saturation by 10% instead.


 66, 15.013,
322.698


 66, 15.013,
322.698


 100, 15.013,
322.698


 56, 15.013,
322.698


 86, 15.013,
322.698

 46, 15.013,
322.698


 96, 15.013,
322.698

 36, 15.013,
322.698

 26, 15.013,
322.698

 16, 15.013,
322.698

 6, 15.013, 322.698

 0, 15.013, 322.698

66, 15.013,
322.698

66, 15.013,
322.698

61, 26.668,
323.191

71, 3.444, 322.162

57, 38.239,
323.665

76, 7.919, 141.776

53, 49.469,
324.105

80, 19.012,
141.300

49, 60.013,
324.491

85, 29.797,
140.858

46, 69.441,
324.795

90, 40.260,
140.444

43, 77.282,
324.993

94, 47.508,
140.024

41, 83.118,
325.059


94, 47.211,
139.523

40, 86.721,

94, 46.917,
139.012

324.978

 94, 46.626,
138.491

 39, 88.301,
324.861

Harmonies

Complementary

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



66, 15.013, 322.698



70, 14.962, 141.402

Rectangle

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



66, 15.013, 322.698



66, 15.013, 12.698



66, 15.013, 142.698



66, 15.013, 192.698

Sweetspot

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



66, 15.011, 322.698



89, 5.675, 322.231



65, 11.531, 287.273



47, 4.031, 322.274



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



66, 15.011, 322.698



82, 22.874, 322.861



66, 11.648, 339.587



35, 6.573, 322.513



34, 79.354, 324.898



2, 15.612, 320.876

Inverse Universe

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



66, 9.065, 13.242



81, 13.938, 13.571



70, 11.529, 157.656



35, 3.930, 12.886



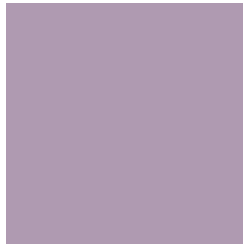
31, 67.721, 35.837



2, 9.211, 13.834

Previews

White Background



This preview shows how the CIELCh color 66, 15.013, 322.698 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, 15.013, 322.698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

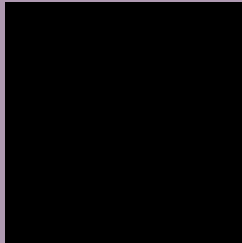
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 15.013, 322.698

Background



This preview shows how black text looks on a background with the CIELCh color 66, 15.013, 322.698.



This preview shows how white text looks on a background with the CIELCh color 66, 15.013, 322.698.

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, 15.013, 322.698

Protanopia

66, 11.657, 287.857

Deuteranopia

66, 12.153, 314.585



Tritanopia
66, 9.962, 334.060

Trichromacy



Original Color
66, 15.013, 322.698

Protanomaly
66, 12.447, 301.542

Deuteranomaly
66, 13.139, 318.153

Tritanomaly
66, 11.442, 329.725

Monochromacy



Original Color
66, 15.013, 322.698

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 5.184, 321.187

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 15.013, 322.698 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(175, 154, 177)` looks like.

```
.text, #text, p{  
    color:rgb(175, 154, 177)  
}
```

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(175, 154, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 154, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 15.013, 322.698 is called "border". The border property can be set on classes, ids or directly on the HTML element.

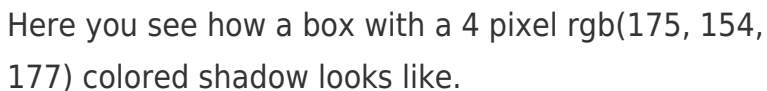
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 154, 177) }
```

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

```
.border{ border-color:rgb(175, 154, 177) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 154, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 154, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 154, 177);  
box-shadow:4px 4px 4px 4px rgb(175, 154,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 15.013, 322.698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 154, 177) }
```

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

```
.background{ background-color: rgb(175,  
154, 177) }
```

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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