

Converting Colors

CIELCh(66, 9.351, 323.469)

Have a look what the booklet for
CIELCh(66, 9.351, 323.469) contains.

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Color

CIELCh(66, 9.428, 324.861)

Conversions

Conversions Part 1

Format	Color
Hex	AA9CAA
RGB	170, 156, 170
RGB Percent	67%, 61%, 67%
CMY	0.3325, 0.3874, 0.3325
CMYK	0.00, 0.08, 0.00, 0.33
HSL	300°, 8%, 64%
HSV	300°, 8%, 67%
XYZ	35.8196, 35.3238, 43.0625
YIQ	161.7820, 3.8500, 7.3220

Conversions

Conversions Part 2

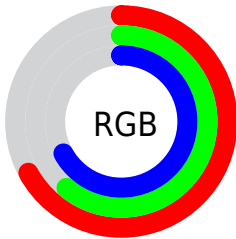
Format	Color
RYB	170, 156, 170
Decimal	11181226
CIELab	66.00, 7.71, -5.43
CIElCh	66, 9.428, 324.861
Yxy	35.3238, 0.3136, 0.3093
Android (android.graphics.Color)	4289371306 (0xFFAA9CAA)
YUV	161.7820, 4.0515, 7.2072
Hunter-Lab	59.4338, 3.5691, -1.3546

Details

The CIELCh color **66, 9.428, 324.861** is a light color, and the websafe version is hex **999999**. A complement of this color would be **68, 9.410, 143.995**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 9.578, 324.778**, and **46, 9.368, 324.998** is the 20% darker color. If you saturate the color by 10%, you get **62, 20.975, 325.414**, and if you desaturate by 10%, it is **70, 2.007, 144.463**.

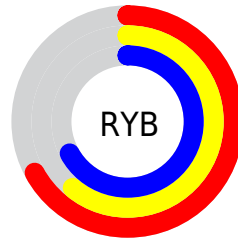
Distribution



Red (67%)

Green (61%)

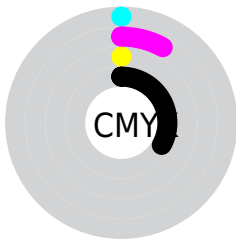
Blue (67%)



Red (67%)

Yellow (61%)

Blue (67%)

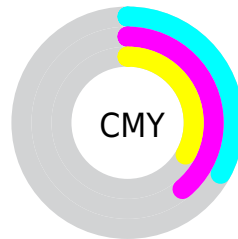


Cyan (0%)

Magenta (8%)

Yellow (0%)

Black (33%)



Cyan (33%)

Magenta (39%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 9.428, 324.861 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, 9.428, 324.861 by changing the saturation by 10% instead.

66, 9.428, 324.861

66, 9.428, 324.861

100, 9.428,
324.861

56, 9.428, 324.861

86, 9.428, 324.861

46, 9.428, 324.861

96, 9.428, 324.861

36, 9.428, 324.861

26, 9.428, 324.861

16, 9.428, 324.861

6, 9.428, 324.861

0, 9.428, 324.861

66, 9.428, 324.861

66, 9.428, 324.861

62, 20.975,

70, 2.007, 144.463

325.414

75, 13.216,
143.840

58, 32.475,
325.948

80, 24.137,
143.324

54, 43.688,
326.457

84, 34.736,
142.835

50, 54.292,
326.928

89, 45.001,
142.373

47, 63.893,
327.344

93, 53.014,
142.021

44, 72.060,
327.689

93, 53.014,
142.021

42, 78.396,
327.951

93, 53.014,
142.021

41, 82.653,
328.124

93, 53.014,
142.021

40, 85.006,
328.219

Harmonies

Complementary

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



66, 9.428, 324.861



68, 9.410, 143.995

Rectangle

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



66, 9.428, 324.861



66, 9.428, 14.861



66, 9.428, 144.861



66, 9.428, 194.861

Sweetspot

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



66, 9.426, 324.861



87, 2.837, 324.454



65, 7.794, 291.009



47, 1.626, 324.442



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



66, 9.426, 324.861



83, 14.231, 324.971



66, 6.637, 344.269



33, 6.429, 324.921



35, 76.992, 328.233



2, 11.673, 324.439

Inverse Universe

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



66, 9.426, 324.861



83, 14.231, 324.971



68, 6.562, 163.033



33, 6.429, 324.921



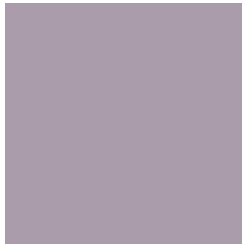
35, 76.992, 328.233



2, 11.673, 324.439

Previews

White Background



This preview shows how the CIELCh color 66, 9.428, 324.861 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, 9.428, 324.861 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

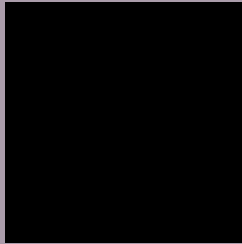
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 9.428, 324.861

Background



This preview shows how black text looks on a background with the CIELCh color 66, 9.428, 324.861.



This preview shows how white text looks on a background with the CIELCh color 66, 9.428, 324.861.

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, 9.428, 324.861

Protanopia

66, 7.229, 293.865

Deuteranopia

66, 9.645, 326.748



Tritanopia
66, 8.979, 326.855

Trichromacy



Original Color
66, 9.428, 324.861

Protanomaly
66, 7.583, 308.047

Deuteranomaly
66, 9.645, 326.748

Tritanomaly
66, 8.979, 326.855

Monochromacy



Original Color
66, 9.428, 324.861

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 3.377, 324.539

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 9.428, 324.861 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(170, 156, 170)` looks like.

```
.text, #text, p{  
    color:rgb(170, 156, 170)  
}
```

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(170, 156, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 156, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 9.428, 324.861 is called "border". The border property can be set on classes, ids or directly on the HTML element.

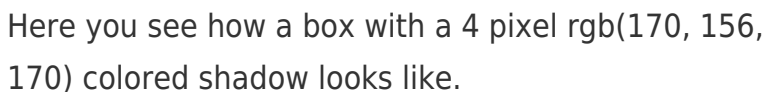
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(170, 156, 170) }
```

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

```
.border{ border-color:rgb(170, 156, 170) }
```

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



Here you see how a box with a 4 pixel `rgb(170, 156, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 156, 170); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 156, 170); box-shadow:4px 4px 4px 4px rgb(170, 156, 170) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 9.428, 324.861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 156, 170) }
```

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

```
.background{ background-color: rgb(170,  
156, 170) }
```

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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