

Converting Colors

CIELCh(66, 9.045, 332.906)

Have a look what the booklet for
CIELCh(66, 9.045, 332.906) contains.

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Color

CIELCh(66, 9.035, 332.903)

Conversions

Conversions Part 1

Format	Color
Hex	AC9CA8
RGB	172, 156, 168
RGB Percent	67%, 61%, 66%
CMY	0.3259, 0.3886, 0.3416
CMYK	0.00, 0.09, 0.02, 0.33
HSL	315°, 9%, 64%
HSV	315°, 9%, 67%
XYZ	35.9189, 35.3238, 41.9191
YIQ	162.1520, 5.6840, 7.1240

Conversions

Conversions Part 2

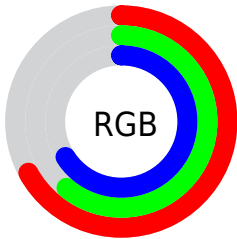
Format	Color
RYB	172, 156, 168
Decimal	11312296
CIELab	66.00, 8.04, -4.12
CIELCh	66, 9.035, 332.903
Yxy	35.3238, 0.3174, 0.3122
Android (android.graphics.Color)	4289502376 (0xFFAC9CA8)
YUV	162.1520, 2.8831, 8.6367
Hunter-Lab	59.4338, 3.8674, -0.2140

Details

The CIELCh color $66, 9.035, 332.903$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 8.997, 151.755$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 9.201, 332.235$, and $46, 8.955, 333.740$ is the 20% darker color. If you saturate the color by 10%, you get $61, 18.845, 333.591$, and if you desaturate by 10%, it is $71, 0.661, 152.737$.

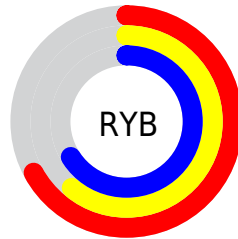
Distribution



Red (67%)

Green (61%)

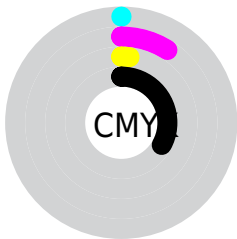
Blue (66%)



Red (67%)

Yellow (61%)

Blue (66%)

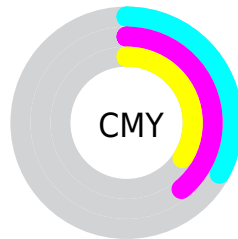


Cyan (0%)

Magenta (9%)

Yellow (2%)

Black (33%)



Cyan (33%)

Magenta (39%)

Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 9.035, 332.903 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, 9.035, 332.903 by changing the saturation by 10% instead.

 66, 9.035, 332.903

 66, 9.035, 332.903

 100, 9.035,
332.903

 56, 9.035, 332.903

 86, 9.035, 332.903

 46, 9.035, 332.903

 96, 9.035, 332.903

 36, 9.035, 332.903

 26, 9.035, 332.903


 16, 9.035, 332.903

 6, 9.035, 332.903

 0, 9.035, 332.903

 66, 9.035, 332.903

 66, 9.035, 332.903

 61, 18.845,

 71, 0.661, 152.737

333.591

75, 10.151,
151.723

57, 28.635,
334.299

80, 19.389,
151.136

53, 38.191,
335.042

85, 28.354,
150.589

49, 47.215,
335.827

90, 37.042,
150.074

46, 55.324,
336.668

94, 43.107,
150.140

43, 62.074,
337.587

94, 41.434,
152.101

41, 67.041,
338.618

94, 39.798,
154.216

39, 69.937,
339.807

94, 38.206,
156.499

39, 71.025,
341.177

Harmonies

Complementary

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



66, 9.035, 332.903



69, 8.997, 151.755

Rectangle

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



66, 9.035, 332.903



66, 9.035, 22.903



66, 9.035, 152.903



66, 9.035, 202.903

Sweetspot

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



66, 9.033, 332.905



88, 3.603, 332.437



65, 9.046, 300.501



46, 2.729, 332.507



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, 9.033, 332.905



83, 13.281, 333.034



66, 6.569, 0.323



34, 5.535, 332.905



33, 64.569, 341.097



2, 10.944, 335.643

Inverse Universe

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



66, 9.033, 332.905



83, 13.281, 333.034



69, 6.368, 178.749



34, 5.535, 332.905



33, 64.569, 341.097



2, 10.944, 335.643

Previews

White Background



This preview shows how the CIELCh color 66, 9.035, 332.903 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, 9.035, 332.903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

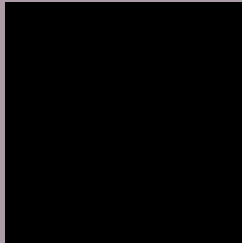
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 9.035, 332.903

Background



This preview shows how black text looks on a background with the CIELCh color 66, 9.035, 332.903.



This preview shows how white text looks on a background with the CIELCh color 66, 9.035, 332.903.

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, 9.035, 332.903

Protanopia

66, 6.161, 297.750

Deuteranopia

66, 9.296, 334.675



Tritanopia
66, 9.035, 332.903

Trichromacy



Original Color
66, 9.035, 332.903

Protanomaly
66, 6.676, 313.927

Deuteranomaly
66, 9.296, 334.675

Tritanomaly
66, 9.035, 332.903

Monochromacy



Original Color
66, 9.035, 332.903

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 3.199, 335.817

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 9.035, 332.903 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, 156, 168)` looks like.

```
.text, #text, p{  
    color:rgb(172, 156, 168)  
}
```

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, 156, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 156, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 9.035, 332.903 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, 156, 168) }
```

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

```
.border{ border-color:rgb(172, 156, 168) }
```

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

Here you see how a box with a 4 pixel rgb(172, 156, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 156, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 156, 168);  
box-shadow:4px 4px 4px 4px rgb(172, 156,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 9.035, 332.903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 156, 168) }
```

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

```
.background{ background-color: rgb(172,  
156, 168) }
```

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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