

Converting Colors

CIELCh(66, 11.623, 324.925)

Have a look what the booklet for
CIELCh(66, 11.623, 324.925)
contains.

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Color

CIELCh(66, 11.434, 324.955)

Conversions

Conversions Part 1

Format	Color
Hex	AC9BAC
RGB	172, 155, 172
RGB Percent	67%, 61%, 67%
CMY	0.3244, 0.3911, 0.3244
CMYK	0.00, 0.10, 0.00, 0.32
HSL	300°, 9%, 64%
HSV	300°, 10%, 68%
XYZ	36.3131, 35.3238, 44.0728
YIQ	162.0210, 4.6750, 8.8910

Conversions

Conversions Part 2

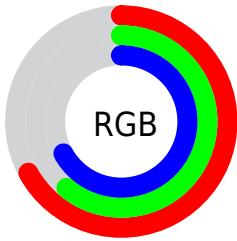
Format	Color
RYB	172, 155, 172
Decimal	11312044
CIELab	66.00, 9.36, -6.57
CIELCh	66, 11.434, 324.955
Yxy	35.3238, 0.3138, 0.3053
Android (android.graphics.Color)	4289502124 (0xFFAC9BAC)
YUV	162.0210, 4.9196, 8.7516
Hunter-Lab	59.4338, 5.0514, -2.3624

Details

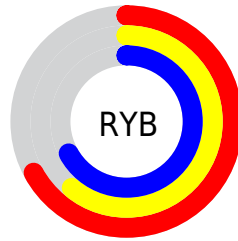
The CIELCh color $66, 11.434, 324.955$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 11.415, 143.889$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 11.484, 324.853$, and $46, 11.508, 325.123$ is the 20% darker color. If you saturate the color by 10%, you get $62, 23.101, 325.504$, and if you desaturate by 10%, it is $71, 0.142, 146.059$.

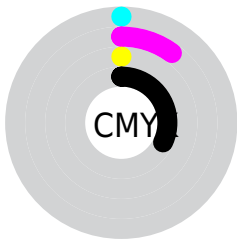
Distribution



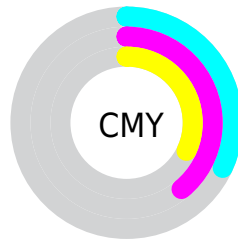
- Red (67%)
- Green (61%)
- Blue (67%)



- Red (67%)
- Yellow (61%)
- Blue (67%)



- Cyan (0%)
- Magenta (10%)
- Yellow (0%)
- Black (32%)





- Cyan (32%)
- Magenta (39%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 11.434, 324.955 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, 11.434, 324.955 by changing the saturation by 10% instead.


 66, 11.434,
324.955


 66, 11.434,
324.955


 100, 11.434,
324.955


 56, 11.434,
324.955


 86, 11.434,
324.955

 46, 11.434,
324.955

 96, 11.434,
324.955

 36, 11.434,
324.955

 26, 11.434,
324.955

 16, 11.434,
324.955

 6, 11.434, 324.955

 0, 11.434, 324.955

66, 11.434,
324.955

66, 11.434,
324.955

62, 23.101,
325.504

71, 0.142, 146.059

57, 34.685,
326.036

75, 11.505,
143.928

54, 45.930,
326.540

80, 22.584,
143.407

50, 56.498,
327.003

85, 33.342,
142.913

47, 65.980,
327.409

89, 43.763,
142.446

45, 73.938,
327.741

93, 51.742,
142.097


43, 79.989,
327.988


93, 51.742,
142.097

42, 83.919,

93, 51.742,
142.097

328.146

 93, 51.741,
142.098

 41, 86.105,
328.233

Harmonies

Complementary

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



66, 11.434, 324.955



69, 11.415, 143.889

Rectangle

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



66, 11.434, 324.955



66, 11.434, 14.955



66, 11.434, 144.955



66, 11.434, 194.955

Sweetspot

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



66, 11.432, 324.955



88, 4.293, 324.542



65, 9.474, 291.187



46, 3.251, 324.598



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, 11.432, 324.955



83, 17.255, 325.086



66, 8.057, 344.420



34, 6.590, 324.924



35, 77.959, 328.234



2, 13.856, 324.440

Inverse Universe

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



66, 11.432, 324.955



83, 17.255, 325.086



69, 7.953, 162.882



34, 6.590, 324.924



35, 77.959, 328.234



2, 13.856, 324.440

Previews

White Background



This preview shows how the CIELCh color 66, 11.434, 324.955 looks on a white background.

Color Contrast Check

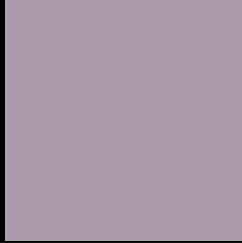
Large Text (above 18pt) WCAG AA × Fail

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, 11.434, 324.955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

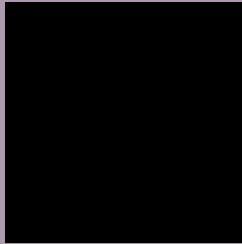
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 11.434, 324.955

Background



This preview shows how black text looks on a background with the CIELCh color 66, 11.434, 324.955.



This preview shows how white text looks on a background with the CIELCh color 66, 11.434, 324.955.

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, 11.434, 324.955

Protanopia

66, 8.877, 291.110

Deuteranopia

66, 10.552, 323.201



Tritanopia
66, 9.035, 332.903

Trichromacy



Original Color
66, 11.434, 324.955

Protanomaly
66, 9.183, 305.056

Deuteranomaly
66, 10.552, 323.201

Tritanomaly
66, 9.872, 328.554

Monochromacy



Original Color
66, 11.434, 324.955

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 4.048, 324.581

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 11.434, 324.955 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, 155, 172)` looks like.

```
.text, #text, p{  
    color:rgb(172, 155, 172)  
}
```

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, 155, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 155, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 11.434, 324.955 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, 155, 172) }
```

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

```
.border{ border-color:rgb(172, 155, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 155, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 155, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 155, 172);  
box-shadow:4px 4px 4px 4px rgb(172, 155,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 11.434, 324.955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 155, 172) }
```

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

```
.background{ background-color: rgb(172,  
155, 172) }
```

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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