

Converting Colors

CIELCh(65, 17.563, 305.770)

Have a look what the booklet for
CIELCh(65, 17.563, 305.770)
contains.

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Color

CIELCh(65, 17.237, 305.178)

Conversions

Conversions Part 1

Format	Color
Hex	A499B7
RGB	164, 153, 183
RGB Percent	64%, 60%, 72%
CMY	0.3572, 0.4004, 0.2827
CMYK	0.10, 0.16, 0.00, 0.28
HSL	262°, 17%, 66%
HSV	262°, 16%, 72%
XYZ	35.2014, 34.0472, 49.4613
YIQ	159.7090, -3.0740, 11.6620

Conversions

Conversions Part 2

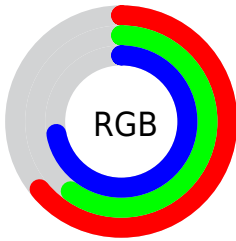
Format	Color
RYB	164, 153, 183
Decimal	10787255
CIELab	65.00, 9.93, -14.09
CIELCh	65, 17.237, 305.178
Yxy	34.0472, 0.2965, 0.2868
Android (android.graphics.Color)	4288977335 (0xFFA499B7)
YUV	159.7090, 11.4825, 3.7632
Hunter-Lab	58.3500, 5.5733, -9.4132

Details

The CIELCh color $65, 17.237, 305.178$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $73, 16.753, 123.440$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 17.432, 305.308$, and $45, 17.232, 305.128$ is the 20% darker color. If you saturate the color by 10%, you get $59, 28.193, 305.814$, and if you desaturate by 10%, it is $71, 6.619, 304.600$.

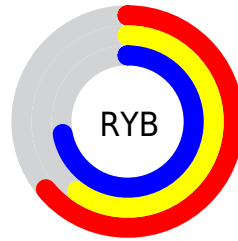
Distribution



Red (64%)

Green (60%)

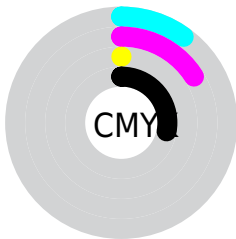
Blue (72%)



Red (64%)

Yellow (60%)

Blue (72%)

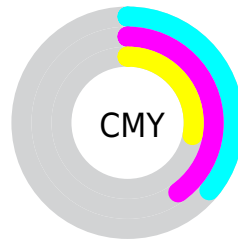


Cyan (10%)

Magenta (16%)

Yellow (0%)

Black (28%)



Cyan (36%)


Magenta (40%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 17.237, 305.178 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 65, 17.237, 305.178 by changing the saturation by 10% instead.


 65, 17.237,
305.178


 65, 17.237,
305.178


 100, 17.237,
305.178


 55, 17.237,
305.178


 85, 17.237,
305.178

 45, 17.237,
305.178

 95, 17.237,
305.178

 35, 17.237,
305.178

 25, 17.237,
305.178

 15, 17.237,
305.178

 5, 17.237, 305.178

 0, 17.237, 305.178

65, 17.237,
305.178

65, 17.237,
305.178

59, 28.193,
305.814

71, 6.619, 304.600

54, 39.456,
306.512

76, 3.647, 124.125

48, 50.932,
307.255

82, 13.570,
123.669

43, 62.435,
308.008

88, 23.162,
123.282

38, 73.613,
308.711

93, 32.440,
122.947

33, 83.870,
309.266

97, 37.228,
120.122

29, 92.341,
309.531

98, 36.449,
113.444

26, 98.148,

99, 36.219,
107.417

309.374

■ 26, 99.941,
309.305

Harmonies

Complementary

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



65, 17.237, 305.178



73, 16.753, 123.440

Rectangle

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



65, 17.237, 305.178



65, 17.237, 355.178



65, 17.237, 125.178



65, 17.237, 175.178

Sweetspot

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



65, 17.235, 305.177



90, 6.375, 304.527



69, 8.897, 239.480



48, 4.389, 304.566



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



65, 17.235, 305.177



80, 26.126, 305.420



66, 19.152, 321.024



36, 5.905, 304.764



21, 88.537, 309.434



1, 15.684, 300.780

Inverse Universe

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



66, 15.495, 338.304



82, 23.392, 338.622



72, 19.038, 139.465



36, 5.340, 337.747



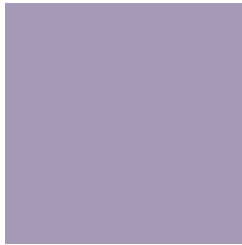
34, 61.545, 349.692



3, 13.334, 343.093

Previews

White Background



This preview shows how the CIELCh color 65, 17.237, 305.178 looks on a white background.

Color Contrast Check

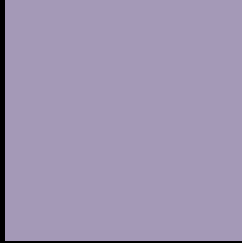
Large Text (above 18pt) WCAG AA × Fail

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 65, 17.237, 305.178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

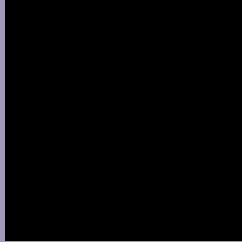
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 17.237, 305.178

Background



This preview shows how black text looks on a background with the CIELCh color 65, 17.237, 305.178.



This preview shows how white text looks on a background with the CIELCh color 65, 17.237, 305.178.

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


65, 17.237, 305.178

Protanopia

65, 16.167, 286.885

Deuteranopia

65, 16.389, 300.663



Tritanopia
65, 6.960, 306.436

Trichromacy



Original Color
65, 17.237, 305.178

Protanomaly
65, 16.159, 293.130

Deuteranomaly
65, 16.450, 301.905

Tritanomaly
65, 10.385, 305.619

Monochromacy



Original Color
65, 17.237, 305.178

Achromatopsia
66, 0.008, 296.813

Achromatomaly
65, 6.317, 304.498

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 17.237, 305.178 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(164, 153, 183)` looks like.

```
.text, #text, p{  
    color:rgb(164, 153, 183)  
}
```

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(164, 153, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 153, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 17.237, 305.178 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(164, 153, 183) }
```

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

```
.border{ border-color:rgb(164, 153, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 153, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 153, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 153, 183);  
box-shadow:4px 4px 4px 4px rgb(164, 153,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 17.237, 305.178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 153, 183) }
```

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

```
.background{ background-color: rgb(164,  
153, 183) }
```

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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