

Converting Colors

CIELCh(65, 17.905, 304.731)

Have a look what the booklet for
CIELCh(65, 17.905, 304.731)
contains.

CIELCh(65, 17.776, 304.788)	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(65, 17.776, 304.788)

Conversions

Conversions Part 1

Format	Color
Hex	A499B8
RGB	164, 153, 184
RGB Percent	64%, 60%, 72%
CMY	0.3576, 0.4007, 0.2792
CMYK	0.11, 0.17, 0.00, 0.28
HSL	261°, 18%, 66%
HSV	261°, 17%, 72%
XYZ	35.2636, 34.0472, 49.9551
YIQ	159.8230, -3.3950, 11.9730

Conversions

Conversions Part 2

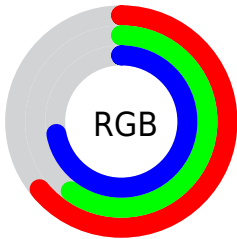
Format	Color
RYB	164, 153, 184
Decimal	10787256
CIELab	65.00, 10.14, -14.60
CIELCh	65, 17.776, 304.788
Yxy	34.0472, 0.2957, 0.2855
Android (android.graphics.Color)	4288977336 (0xFFA499B8)
YUV	159.8230, 11.9193, 3.6632
Hunter-Lab	58.3500, 5.7636, -9.9149

Details

The CIELCh color $65, 17.776, 304.788$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $73, 17.253, 122.963$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 17.942, 304.926$, and $45, 17.811, 304.738$ is the 20% darker color. If you saturate the color by 10%, you get $59, 28.780, 305.442$, and if you desaturate by 10%, it is $71, 7.115, 304.196$.

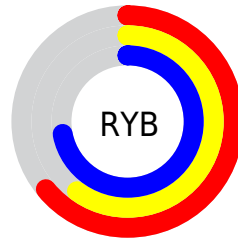
Distribution



Red (64%)

Green (60%)

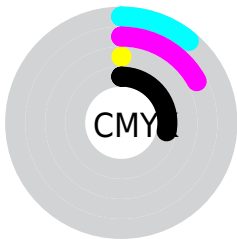
Blue (72%)



Red (64%)

Yellow (60%)

Blue (72%)

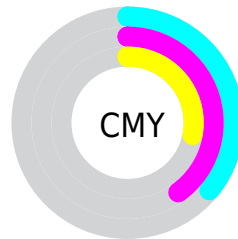


Cyan (11%)

Magenta (17%)

Yellow (0%)

Black (28%)



Cyan (36%)

Magenta (40%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 65, 17.776, 304.788 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, 17.776, 304.788 by changing the saturation by 10% instead.

■ 65, 17.776,
304.788

■ 65, 17.776,
304.788

■ 100, 17.776,
304.788

■ 55, 17.776,
304.788

■ 85, 17.776,
304.788

■ 45, 17.776,
304.788

■ 95, 17.776,
304.788

■ 35, 17.776,
304.788

■ 25, 17.776,
304.788

■ 15, 17.776,
304.788

■ 5, 17.776, 304.788

■ 0, 17.776, 304.788

65, 17.776,
304.788

65, 17.776,
304.788

59, 28.780,
305.442

71, 7.115, 304.196

54, 40.098,
306.162

77, 3.189, 123.708

48, 51.635,
306.929

82, 13.145,
123.240

42, 63.203,
307.710

88, 22.767,
122.844

37, 74.441,
308.441

94, 32.073,
122.503

33, 84.737,
309.020

97, 36.654,
119.412

29, 93.198,
309.303

98, 35.929,
112.441

26, 98.962,

99, 35.771,
107.452

309.161

■ 26, 100.542,
309.113

Harmonies

Complementary

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



65, 17.776, 304.788



73, 17.253, 122.963

Rectangle

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



65, 17.776, 304.788



65, 17.776, 354.788



65, 17.776, 124.788



65, 17.776, 174.788

Sweetspot

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



65, 17.774, 304.787



91, 6.418, 304.096



70, 9.176, 239.535



48, 4.381, 304.135



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, 17.774, 304.787



80, 26.311, 305.007



66, 19.775, 321.046



36, 5.894, 304.337



21, 88.739, 309.243



1, 15.667, 300.449

Inverse Universe

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



66, 16.132, 337.803



83, 23.790, 338.080



72, 19.655, 139.438



36, 5.385, 337.217



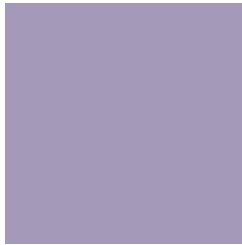
34, 61.934, 348.745



3, 13.455, 342.415

Previews

White Background



This preview shows how the CIELCh color 65, 17.776, 304.788 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, 17.776, 304.788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

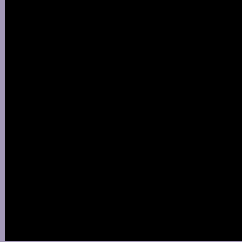
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 17.776, 304.788

Background



This preview shows how black text looks on a background with the CIELCh color 65, 17.776, 304.788.



This preview shows how white text looks on a background with the CIELCh color 65, 17.776, 304.788.

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, 17.776, 304.788

Protanopia

65, 16.719, 287.121

Deuteranopia

65, 16.938, 300.408



Tritanopia
65, 6.960, 306.436

Trichromacy



Original Color
65, 17.776, 304.788

Protanomaly
65, 16.714, 293.141

Deuteranomaly
65, 16.997, 301.608

Tritanomaly
65, 10.924, 304.916

Monochromacy



Original Color
65, 17.776, 304.788

Achromatopsia
66, 0.008, 296.813

Achromatomaly
65, 6.858, 303.426

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 17.776, 304.788 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, 184)` looks like.

```
.text, #text, p{  
    color:rgb(164, 153, 184)  
}
```

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, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 153, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 17.776, 304.788 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, 184) }
```

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

```
.border{ border-color:rgb(164, 153, 184) }
```

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, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 153, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 153, 184);  
box-shadow:4px 4px 4px 4px rgb(164, 153,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 17.776, 304.788 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, 184) }
```

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

```
.background{ background-color: rgb(164,  
153, 184) }
```

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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