

Converting Colors

CIELCh(65, 18.036, 299.955)

Have a look what the booklet for
CIELCh(65, 18.036, 299.955)
contains.

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Color

CIELCh(65, 18.036, 299.955)

Conversions

Conversions Part 1

Format	Color
Hex	A19ABA
RGB	161, 154, 186
RGB Percent	63%, 60%, 73%
CMY	0.3702, 0.3976, 0.2722
CMYK	0.13, 0.17, 0.00, 0.27
HSL	253°, 19%, 67%
HSV	253°, 17%, 73%
XYZ	34.9301, 34.0472, 50.9604
YIQ	159.7410, -6.1000, 11.4360

Conversions

Conversions Part 2

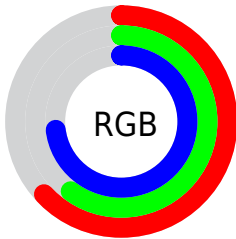
Format	Color
RYB	161, 154, 186
Decimal	10590906
CIELab	65.00, 9.01, -15.63
CIELCh	65, 18.036, 299.955
Yxy	34.0472, 0.2912, 0.2839
Android (android.graphics.Color)	4288780986 (0xFFA19ABA)
YUV	159.7410, 12.9457, 1.1041
Hunter-Lab	58.3500, 4.7433, -10.9364

Details

The CIELCh color $65, 18.036, 299.955$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $74, 17.401, 117.585$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 18.171, 300.325$, and $45, 18.115, 299.693$ is the 20% darker color. If you saturate the color by 10%, you get $59, 29.038, 300.823$, and if you desaturate by 10%, it is $71, 7.433, 299.193$.

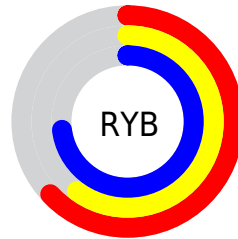
Distribution



Red (63%)

Green (60%)

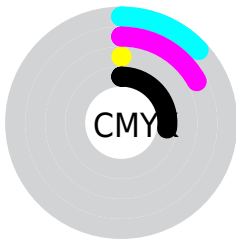
Blue (73%)



Red (63%)

Yellow (60%)

Blue (73%)

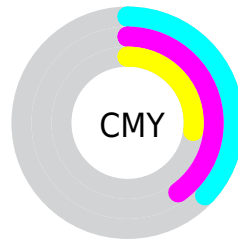


Cyan (13%)

Magenta (17%)

Yellow (0%)

Black (27%)



Cyan (37%)


Magenta (40%)


Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 18.036, 299.955 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 65, 18.036, 299.955 by changing the saturation by 10% instead.


 65, 18.036,
299.955


 65, 18.036,
299.955


 100, 18.036,
299.955


 55, 18.036,
299.955


 85, 18.036,
299.955

 45, 18.036,
299.955

 95, 18.036,
299.955

 35, 18.036,
299.955

 25, 18.036,
299.955

 15, 18.036,
299.955

 5, 18.036, 299.955

 0, 18.036, 299.955

65, 18.036,
299.955

65, 18.036,
299.955

59, 29.038,
300.823

71, 7.433, 299.193

53, 40.434,
301.807

77, 2.779, 118.544

47, 52.171,
302.899

83, 12.621,
117.971

41, 64.100,
304.069

89, 22.114,
117.482

36, 75.885,
305.248

95, 31.281,
117.061

31, 86.868,
306.311

98, 35.022,
112.138

27, 95.978,
307.067

99, 34.888,
107.520

24, 102.101,

307.343

■ 24, 103.568,
307.421

Harmonies

Complementary

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



65, 18.036, 299.955



74, 17.401, 117.585

Rectangle

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



65, 18.036, 299.955



65, 18.036, 349.955



65, 18.036, 119.955



65, 18.036, 169.955

Sweetspot

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



65, 18.034, 299.953



92, 6.358, 299.043



71, 9.552, 222.206



49, 4.378, 299.092



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



65, 18.034, 299.953



80, 27.499, 300.298



66, 19.678, 316.976



36, 5.792, 299.344



19, 90.767, 307.520



1, 15.501, 296.600

Inverse Universe

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



67, 18.292, 332.267



83, 27.715, 332.544



73, 19.439, 135.493



36, 5.935, 331.742



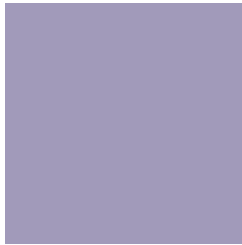
35, 67.620, 339.133



3, 15.119, 334.889

Previews

White Background



This preview shows how the CIELCh color 65, 18.036, 299.955 looks on a white background.

Color Contrast Check

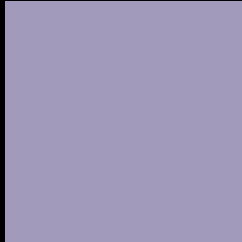
Large Text (above 18pt) WCAG AA × Fail

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 65, 18.036, 299.955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

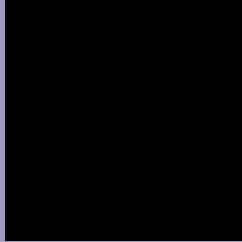
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 18.036, 299.955

Background



This preview shows how black text looks on a background with the CIELCh color 65, 18.036, 299.955.



This preview shows how white text looks on a background with the CIELCh color 65, 18.036, 299.955.

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


65, 18.036, 299.955

Protanopia

65, 17.296, 286.201

Deuteranopia

65, 17.988, 298.829



Tritanopia
65, 6.691, 294.066

Trichromacy



Original Color
65, 18.036, 299.955

Protanomaly
65, 17.259, 290.824

Deuteranomaly
65, 17.988, 298.829

Tritanomaly
65, 10.647, 297.200

Monochromacy



Original Color
65, 18.036, 299.955

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 6.782, 300.352

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 18.036, 299.955 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(161, 154, 186)` looks like.

```
.text, #text, p{  
    color:rgb(161, 154, 186)  
}
```

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(161, 154, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 154, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 18.036, 299.955 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(161, 154, 186) }
```

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

```
.border{ border-color:rgb(161, 154, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 154, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 154, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 154, 186);  
box-shadow:4px 4px 4px 4px rgb(161, 154,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 18.036, 299.955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 154, 186) }
```

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

```
.background{ background-color: rgb(161,  
154, 186) }
```

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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