

Converting Colors

CIELCh(65, 25.409, 312.234)

Have a look what the booklet for
CIELCh(65, 25.409, 312.234)
contains.

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Color

CIELCh(65, 25.003, 312.485)

Conversions

Conversions Part 1

Format	Color
Hex	AD95BF
RGB	173, 149, 191
RGB Percent	68%, 58%, 75%
CMY	0.3224, 0.4164, 0.2518
CMYK	0.09, 0.22, 0.00, 0.25
HSL	274°, 25%, 67%
HSV	274°, 22%, 75%
XYZ	37.2872, 34.0472, 53.7792
YIQ	160.9640, 0.8220, 18.1500

Conversions

Conversions Part 2

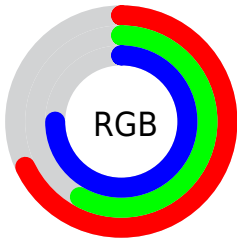
Format	Color
R _Y B	173, 149, 191
Decimal	11376063
CIE Lab	65.00, 16.89, -18.44
CIE LCh	65, 25.003, 312.485
Yxy	34.0472, 0.2980, 0.2721
Android (android.graphics.Color)	4289566143 (0xFFAD95BF)
YUV	160.9640, 14.8077, 10.5556
Hunter-Lab	58.3500, 11.9540, -13.8006

Details

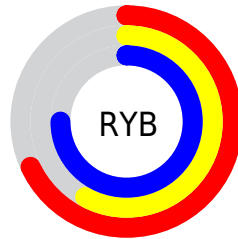
The CIELCh color $65, 25.003, 312.485$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $75, 24.383, 130.554$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 24.948, 312.949$, and $45, 24.799, 312.517$ is the 20% darker color. If you saturate the color by 10%, you get $60, 36.729, 312.962$, and if you desaturate by 10%, it is $71, 13.477, 312.023$.

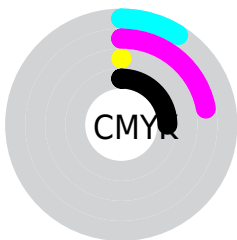
Distribution



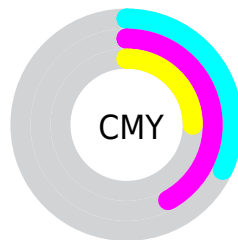
- Red (68%)
- Green (58%)
- Blue (75%)



- Red (68%)
- Yellow (58%)
- Blue (75%)



- Cyan (9%)
- Magenta (22%)
- Yellow (0%)
- Black (25%)




- Cyan (32%)
- Magenta (42%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 25.003, 312.485 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, 25.003, 312.485 by changing the saturation by 10% instead.

 65, 25.003,
312.485


 65, 25.003,
312.485


 100, 25.003,
312.485


 55, 25.003,
312.485


 85, 25.003,
312.485

 45, 25.003,
312.485

 95, 25.003,
312.485

 35, 25.003,
312.485

 25, 25.003,
312.485

 15, 25.003,
312.485

 5, 25.003, 312.485

 0, 25.003, 312.485

65, 25.003,
312.485

65, 25.003,
312.485

60, 36.729,
312.962

71, 13.477,
312.023

54, 48.529,
313.438

76, 2.229, 311.544

82, 8.707, 131.228

49, 60.172,
313.881

87, 19.320,
130.865

44, 71.298,
314.245

93, 29.612,
130.545

40, 81.377,
314.461

96, 34.785,
128.466

36, 89.724,
314.442

97, 33.769,
123.789

34, 95.649,
314.094

97, 32.998,
118.770

32, 98.823,

313.618

 98, 32.505,
113.477

Harmonies

Complementary

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



65, 25.003, 312.485



75, 24.383, 130.554

Rectangle

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



65, 25.003, 312.485



65, 25.003, 2.485



65, 25.003, 132.485



65, 25.003, 182.485

Sweetspot

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



65, 25.001, 312.484



93, 9.642, 311.802



68, 14.364, 265.537



49, 6.321, 311.830



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



65, 25.001, 312.484



80, 36.644, 312.694



67, 26.584, 327.517



37, 6.283, 311.903



26, 85.877, 313.775



2, 18.318, 307.531

Inverse Universe

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



66, 18.934, 349.756



81, 27.735, 350.252



73, 26.554, 144.834



37, 4.755, 348.458



33, 59.088, 8.234



3, 13.456, 355.736

Previews

White Background



This preview shows how the CIELCh color 65, 25.003, 312.485 looks on a white background.

Color Contrast Check

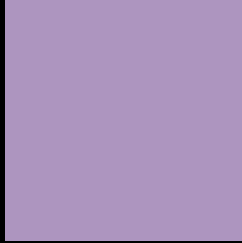
Large Text (above 18pt) WCAG AA × Fail

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, 25.003, 312.485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

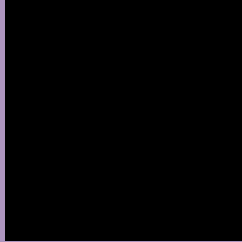
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 25.003, 312.485

Background



This preview shows how black text looks on a background with the CIELCh color 65, 25.003, 312.485.



This preview shows how white text looks on a background with the CIELCh color 65, 25.003, 312.485.

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, 25.003, 312.485

Protanopia

65, 22.338, 285.544

Deuteranopia

65, 20.101, 295.255



Tritanopia
65, 9.066, 332.913

Trichromacy



Original Color
65, 25.003, 312.485

Protanomaly
65, 22.920, 296.005

Deuteranomaly
65, 21.599, 302.694

Tritanomaly
65, 14.692, 320.161

Monochromacy



Original Color
65, 25.003, 312.485

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 8.883, 310.584

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 25.003, 312.485 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(173, 149, 191)` looks like.

```
.text, #text, p{  
    color:rgb(173, 149, 191)  
}
```

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(173, 149, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 149, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 25.003, 312.485 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(173, 149, 191) }
```

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

```
.border{ border-color:rgb(173, 149, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 149, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 149, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 149, 191);  
box-shadow:4px 4px 4px 4px rgb(173, 149,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 25.003, 312.485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 149, 191) }
```

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

```
.background{ background-color: rgb(173,  
149, 191) }
```

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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