

Converting Colors

CIELCh(65, 12.444, 334.465)

Have a look what the booklet for
CIELCh(65, 12.444, 334.465)
contains.

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Color

CIELCh(65, 12.894, 333.591)

Conversions

Conversions Part 1

Format	Color
Hex	AE97A8
RGB	174, 151, 168
RGB Percent	68%, 59%, 66%
CMY	0.3169, 0.4071, 0.3404
CMYK	0.00, 0.13, 0.03, 0.32
HSL	316°, 12%, 64%
HSV	316°, 13%, 68%
XYZ	35.6794, 34.0472, 41.8287
YIQ	159.8150, 8.2510, 10.1630

Conversions

Conversions Part 2

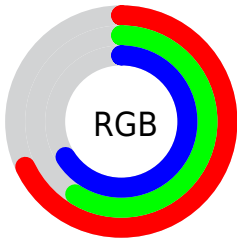
Format	Color
RYB	174, 151, 168
Decimal	11442088
CIELab	65.00, 11.55, -5.73
CIELCh	65, 12.894, 333.591
Yxy	34.0472, 0.3198, 0.3052
Android (android.graphics.Color)	4289632168 (0xFFAE97A8)
YUV	159.8150, 4.0352, 12.4402
Hunter-Lab	58.3500, 7.0354, -1.6576

Details

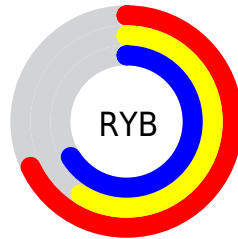
The CIELCh color $65, 12.894, 333.591$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 12.830, 151.865$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 13.105, 334.195$, and $45, 12.808, 332.961$ is the 20% darker color. If you saturate the color by 10%, you get $60, 22.749, 334.294$, and if you desaturate by 10%, it is $70, 3.108, 332.863$.

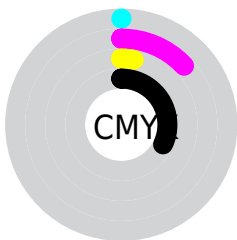
Distribution



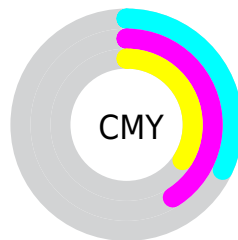
- Red (68%)
- Green (59%)
- Blue (66%)



- Red (68%)
- Yellow (59%)
- Blue (66%)



- Cyan (0%)
- Magenta (13%)
- Yellow (3%)
- Black (32%)





- Cyan (32%)
- Magenta (41%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 12.894, 333.591 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, 12.894, 333.591 by changing the saturation by 10% instead.


 65, 12.894,
333.591


 65, 12.894,
333.591


 100, 12.894,
333.591


 55, 12.894,
333.591


 85, 12.894,
333.591

 45, 12.894,
333.591

 95, 12.894,
333.591

 35, 12.894,
333.591

 25, 12.894,
333.591

 15, 12.894,
333.591

 5, 12.894, 333.591

 0, 12.894, 333.591

65, 12.894,
333.591

65, 12.894,
333.591

60, 22.749,
334.294

70, 3.108, 332.863

56, 32.513,
335.029

74, 6.496, 152.380

52, 41.938,
335.804

79, 15.862,
151.762

48, 50.688,
336.632

84, 24.957,
151.196

45, 58.346,
337.531

89, 33.774,
150.665

43, 64.460,
338.531

94, 41.903,
150.268


41, 68.635,
339.673


94, 40.137,
152.414

39, 70.675,

94, 38.417,
154.743

341.016

 94, 36.749,
157.274

 39, 71.239,
342.025

Harmonies

Complementary

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



65, 12.894, 333.591



69, 12.830, 151.865

Rectangle

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



65, 12.894, 333.591



65, 12.894, 23.591



65, 12.894, 153.591



65, 12.894, 203.591

Sweetspot

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



65, 12.892, 333.592



88, 4.813, 332.939



64, 13.067, 300.776



47, 3.449, 332.998



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



65, 12.892, 333.592



81, 19.404, 333.806



65, 9.508, 0.746



34, 5.492, 333.322



33, 64.089, 341.818



2, 10.843, 336.186

Inverse Universe

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



65, 12.892, 333.592



81, 19.404, 333.806



69, 9.098, 178.363



34, 5.492, 333.322



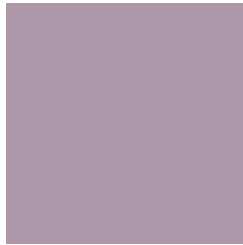
33, 64.089, 341.818



2, 10.843, 336.186

Previews

White Background



This preview shows how the CIELCh color 65, 12.894, 333.591 looks on a white background.

Color Contrast Check

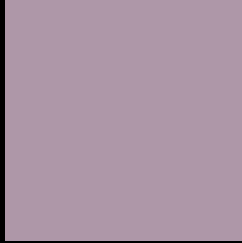
Large Text (above 18pt) WCAG AA × Fail

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, 12.894, 333.591 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

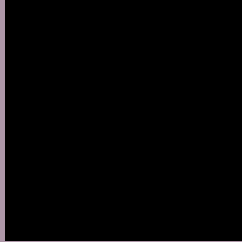
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 12.894, 333.591

Background



This preview shows how black text looks on a background with the CIELCh color 65, 12.894, 333.591.



This preview shows how white text looks on a background with the CIELCh color 65, 12.894, 333.591.

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, 12.894, 333.591

Protanopia

65, 8.342, 291.063

Deuteranopia

65, 10.344, 326.667



Tritanopia
65, 10.763, 342.259

Trichromacy



Original Color
65, 12.894, 333.591

Protanomaly
65, 9.428, 309.469

Deuteranomaly
65, 11.480, 329.736

Tritanomaly
65, 11.463, 337.868

Monochromacy



Original Color
65, 12.894, 333.591

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 4.538, 332.584

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 12.894, 333.591 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(174, 151, 168)` looks like.

```
.text, #text, p{  
    color:rgb(174, 151, 168)  
}
```

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(174, 151, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 151, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 12.894, 333.591 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(174, 151, 168) }
```

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

```
.border{ border-color:rgb(174, 151, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 151, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 151, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 151, 168);  
box-shadow:4px 4px 4px 4px rgb(174, 151,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 12.894, 333.591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 151, 168) }
```

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

```
.background{ background-color: rgb(174,  
151, 168) }
```

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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