

Converting Colors

CIELCh(65, 18.198, 342.142)

Have a look what the booklet for
CIELCh(65, 18.198, 342.142)
contains.

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Color

CIELCh(65, 18.298, 341.793)

Conversions

Conversions Part 1

Format	Color
Hex	B893A8
RGB	184, 147, 168
RGB Percent	72%, 58%, 66%
CMY	0.2770, 0.4222, 0.3398
CMYK	0.00, 0.20, 0.09, 0.28
HSL	326°, 21%, 65%
HSV	326°, 20%, 72%
XYZ	37.4387, 34.0472, 41.8134
YIQ	160.4570, 15.3110, 14.3750

Conversions

Conversions Part 2

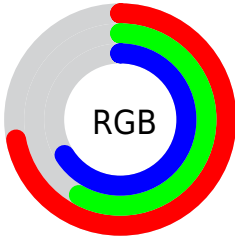
Format	Color
R_{YB}	184, 147, 168
Decimal	12096424
CIE Lab	65.00, 17.38, -5.72
CIE LCh	65, 18.298, 341.793
Yxy	34.0472, 0.3304, 0.3005
Android (android.graphics.Color)	4290286504 (0xFFB893A8)
YUV	160.4570, 3.7187, 20.6472
Hunter-Lab	58.3500, 12.4174, -1.6421

Details

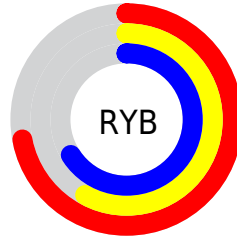
The CIELCh color $65, 18.298, 341.793$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $72, 17.974, 158.538$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 18.259, 341.651$, and $45, 18.524, 342.135$ is the 20% darker color. If you saturate the color by 10%, you get $60, 27.519, 342.735$, and if you desaturate by 10%, it is $70, 9.105, 340.929$.

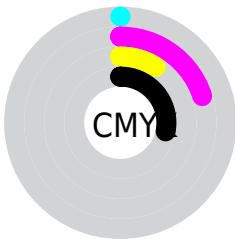
Distribution



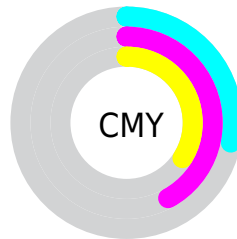
- Red (72%)
- Green (58%)
- Blue (66%)



- Red (72%)
- Yellow (58%)
- Blue (66%)



- Cyan (0%)
- Magenta (20%)
- Yellow (9%)
- Black (28%)





- Cyan (28%)
- Magenta (42%)
- Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 18.298, 341.793 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, 18.298, 341.793 by changing the saturation by 10% instead.


 65, 18.298,
341.793


 65, 18.298,
341.793


 100, 18.298,
341.793


 55, 18.298,
341.793


 85, 18.298,
341.793

 45, 18.298,
341.793

 95, 18.298,
341.793

 35, 18.298,
341.793

 25, 18.298,
341.793

 15, 18.298,
341.793

 5, 18.298, 341.793

 0, 18.298, 341.793

65, 18.298,
341.793

65, 18.298,
341.793

60, 27.519,
342.735

70, 9.105, 340.929

56, 36.571,
343.784

75, 0.075, 335.385

80, 8.721, 159.521

52, 45.158,
344.979

85, 17.247,
158.840

48, 52.887,
346.373

90, 25.489,
158.219

45, 59.301,
348.044

95, 31.739,
158.599

43, 63.961,
350.099


95, 29.068,
164.561

41, 66.601,
352.669

95, 26.723,
171.602

40, 67.604,

355.749

 95, 24.805,
179.822

Harmonies

Complementary

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



65, 18.298, 341.793



72, 17.974, 158.538

Rectangle

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



65, 18.298, 341.793



65, 18.298, 31.793



65, 18.298, 161.793



65, 18.298, 211.793

Sweetspot

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



65, 18.296, 341.795



91, 6.684, 340.587



64, 21.522, 307.143



48, 4.434, 340.643



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, 18.296, 341.795



80, 27.137, 342.190



65, 14.819, 14.268



36, 5.098, 340.866



33, 59.752, 355.249



3, 12.724, 346.894

Inverse Universe

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



65, 18.296, 341.795



80, 27.137, 342.190



72, 13.278, 191.074



36, 5.098, 340.866



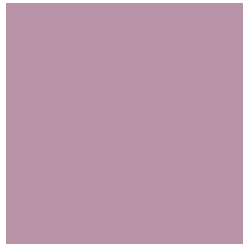
33, 59.752, 355.249



3, 12.724, 346.894

Previews

White Background



This preview shows how the CIELCh color 65, 18.298, 341.793 looks on a white background.

Color Contrast Check

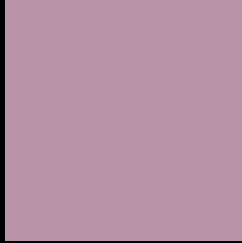
Large Text (above 18pt) WCAG AA × Fail

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, 18.298, 341.793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

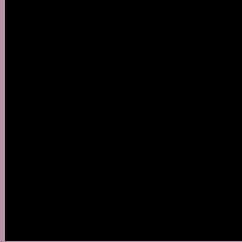
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 18.298, 341.793

Background



This preview shows how black text looks on a background with the CIELCh color 65, 18.298, 341.793.



This preview shows how white text looks on a background with the CIELCh color 65, 18.298, 341.793.

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, 18.298, 341.793

Protanopia
65, 9.454, 288.967

Deuteranopia
65, 9.905, 328.564



Tritanopia
65, 14.545, 356.169

Trichromacy



Original Color
65, 18.298, 341.793

Protanomaly
65, 11.689, 315.673

Deuteranomaly
65, 12.772, 336.608

Tritanomaly
65, 15.853, 349.444

Monochromacy



Original Color
65, 18.298, 341.793

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 6.681, 338.433

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 18.298, 341.793 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(184, 147, 168)` looks like.

```
.text, #text, p{  
    color:rgb(184, 147, 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(184, 147, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 147, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 18.298, 341.793 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(184, 147, 168) }
```

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

```
.border{ border-color:rgb(184, 147, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 147, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 147, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 147, 168);  
box-shadow:4px 4px 4px 4px rgb(184, 147,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 18.298, 341.793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 147, 168) }
```

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

```
.background{ background-color: rgb(184,  
147, 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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