

Converting Colors

CIELCh(65, 14.844, 344.222)

Have a look what the booklet for
CIELCh(65, 14.844, 344.222)
contains.

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Color

CIELCh(65, 14.844, 344.222)

Conversions

Conversions Part 1

Format	Color
Hex	B495A5
RGB	180, 149, 165
RGB Percent	71%, 58%, 65%
CMY	0.2930, 0.4146, 0.3518
CMYK	0.00, 0.17, 0.08, 0.29
HSL	329°, 17%, 65%
HSV	329°, 17%, 71%
XYZ	36.4976, 34.0472, 40.3797
YIQ	160.0930, 13.3400, 11.5480

Conversions

Conversions Part 2

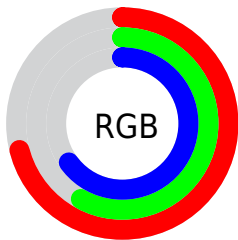
Format	Color
R_{YB}	180, 149, 165
Decimal	11834789
CIE _{Lab}	65.00, 14.28, -4.04
CIE _{LCh}	65, 14.844, 344.222
Yxy	34.0472, 0.3290, 0.3069
Android (android.graphics.Color)	4290024869 (0xFFB495A5)
YUV	160.0930, 2.4192, 17.4584
Hunter-Lab	58.3500, 9.5384, -0.1852

Details

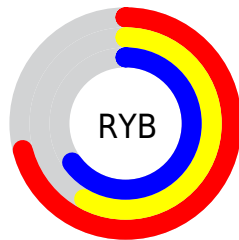
The CIELCh color $65, 14.844, 344.222$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $71, 14.550, 161.362$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 14.967, 343.999$, and $45, 14.873, 344.634$ is the 20% darker color. If you saturate the color by 10%, you get $60, 23.637, 345.205$, and if you desaturate by 10%, it is $70, 6.146, 343.316$.

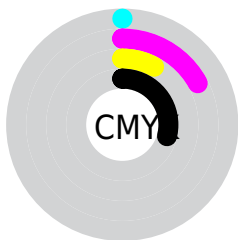
Distribution



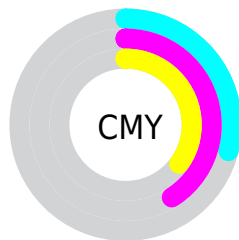
- Red (71%)
- Green (58%)
- Blue (65%)



- Red (71%)
- Yellow (58%)
- Blue (65%)



- Cyan (0%)
- Magenta (17%)
- Yellow (8%)
- Black (29%)



- Cyan (29%)
- Magenta (41%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 14.844, 344.222 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, 14.844, 344.222 by changing the saturation by 10% instead.

 65, 14.844,
344.222


 65, 14.844,
344.222


 100, 14.844,
344.222


 55, 14.844,
344.222


 85, 14.844,
344.222

 45, 14.844,
344.222

 95, 14.844,
344.222

 35, 14.844,
344.222

 25, 14.844,
344.222

 15, 14.844,
344.222

 5, 14.844, 344.222

 0, 14.844, 344.222

65, 14.844,
344.222

65, 14.844,
344.222

60, 23.637,
345.205

70, 6.146, 343.316

56, 32.367,
346.306

75, 2.350, 162.741

52, 40.780,
347.571

80, 10.593,
161.892

48, 48.532,
349.060

85, 18.558,
161.208

45, 55.197,
350.859

90, 26.244,
160.584

42, 60.341,
353.084

94, 32.258,
160.901

40, 63.650,
355.884

95, 29.466,
167.552

39, 65.184,

95, 27.089,
175.432

359.374

95, 25.254,
184.597

39, 65.532, 0.403

Harmonies

Complementary

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



65, 14.844, 344.222



71, 14.550, 161.362

Rectangle

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



65, 14.844, 344.222



65, 14.844, 34.222



65, 14.844, 164.222



65, 14.844, 214.222

Sweetspot

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



65, 14.842, 344.224



90, 5.275, 343.117



64, 18.233, 309.281



47, 3.599, 343.184



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



65, 14.842, 344.224



80, 22.527, 344.620



65, 12.334, 19.239



35, 4.808, 343.508



33, 58.139, 359.828



2, 10.704, 348.966

Inverse Universe

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



65, 14.842, 344.224



80, 22.527, 344.620



71, 11.082, 197.080



35, 4.808, 343.508



33, 58.139, 359.828



2, 10.704, 348.966

Previews

White Background



This preview shows how the CIELCh color 65, 14.844, 344.222 looks on a white background.

Color Contrast Check

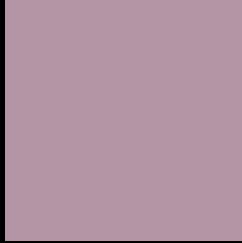
Large Text (above 18pt) WCAG AA × Fail

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, 14.844, 344.222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

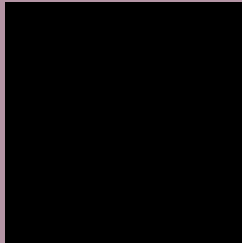
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 14.844, 344.222

Background



This preview shows how black text looks on a background with the CIELCh color 65, 14.844, 344.222.



This preview shows how white text looks on a background with the CIELCh color 65, 14.844, 344.222.

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, 14.844, 344.222

Protanopia
65, 7.231, 290.948

Deuteranopia
65, 9.327, 334.686



Tritanopia
65, 13.364, 350.946

Trichromacy



Original Color
65, 14.844, 344.222

Protanomaly
65, 8.864, 318.719

Deuteranomaly
65, 11.104, 339.992

Tritanomaly
65, 13.628, 348.899

Monochromacy



Original Color
65, 14.844, 344.222

Achromatopsia
66, 0.008, 296.813

Achromatomaly
65, 5.388, 341.729

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 14.844, 344.222 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(180, 149, 165)` looks like.

```
.text, #text, p{  
    color:rgb(180, 149, 165)  
}
```

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(180, 149, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 149, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 14.844, 344.222 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(180, 149, 165) }
```

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

```
.border{ border-color:rgb(180, 149, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 149, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 149, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 149, 165);  
box-shadow:4px 4px 4px 4px rgb(180, 149,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 14.844, 344.222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 149, 165) }
```

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

```
.background{ background-color: rgb(180,  
149, 165) }
```

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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