

Converting Colors

CIELCh(65, 19.130, 337.788)

Have a look what the booklet for
CIELCh(65, 19.130, 337.788)
contains.

CIELCh(65, 19.338, 337.907)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(65, 19.338, 337.907)

Conversions

Conversions Part 1

Format	Color
Hex	B893AB
RGB	184, 147, 171
RGB Percent	72%, 58%, 67%
CMY	0.2780, 0.4231, 0.3290
CMYK	0.00, 0.20, 0.07, 0.28
HSL	321°, 21%, 65%
HSV	321°, 20%, 72%
XYZ	37.6033, 34.0472, 43.1705
YIQ	160.7990, 14.3480, 15.3080

Conversions

Conversions Part 2

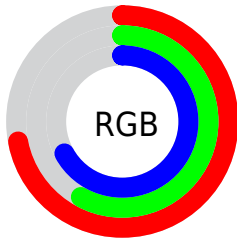
Format	Color
RYB	184, 147, 171
Decimal	12096427
CIELab	65.00, 17.92, -7.27
CIELCh	65, 19.338, 337.907
Yxy	34.0472, 0.3275, 0.2965
Android (android.graphics.Color)	4290286507 (0xFFB893AB)
YUV	160.7990, 5.0291, 20.3473
Hunter-Lab	58.3500, 12.9208, -3.0211

Details

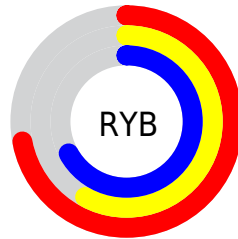
The CIELCh color $65, 19.338, 337.907$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $72, 19.119, 154.893$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 19.251, 337.966$, and $45, 19.619, 338.000$ is the 20% darker color. If you saturate the color by 10%, you get $60, 29.017, 338.740$, and if you desaturate by 10%, it is $70, 9.650, 337.127$.

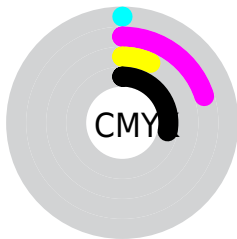
Distribution



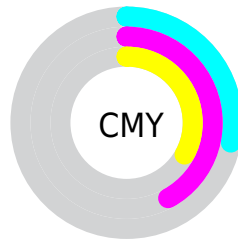
- Red (72%)
- Green (58%)
- Blue (67%)



- Red (72%)
- Yellow (58%)
- Blue (67%)



- Cyan (0%)
- Magenta (20%)
- Yellow (7%)
- Black (28%)





- Cyan (28%)
- Magenta (42%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 19.338, 337.907 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, 19.338, 337.907 by changing the saturation by 10% instead.


 65, 19.338,
337.907


 65, 19.338,
337.907


 100, 19.338,
337.907


 55, 19.338,
337.907


 85, 19.338,
337.907

 45, 19.338,
337.907

 95, 19.338,
337.907

 35, 19.338,
337.907

 25, 19.338,
337.907

 15, 19.338,
337.907

 5, 19.338, 337.907

 0, 19.338, 337.907

65, 19.338,
337.907

65, 19.338,
337.907

60, 29.017,
338.740

70, 9.650, 337.127

56, 38.476,
339.645

75, 0.100, 333.097

80, 9.231, 155.821

52, 47.402,
340.647

85, 18.297,
155.181

48, 55.390,
341.779

90, 27.080,
154.592

45, 61.970,
343.093

94, 34.072,
154.655

43, 66.695,
344.661


95, 31.729,
158.821

41, 69.284,
346.577

95, 29.548,
163.596

40, 70.101,

348.839

 95, 27.572,
169.064

Harmonies

Complementary

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



65, 19.338, 337.907



72, 19.119, 154.893

Rectangle

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



65, 19.338, 337.907



65, 19.338, 27.907



65, 19.338, 157.907



65, 19.338, 207.907

Sweetspot

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



65, 19.336, 337.908



91, 7.081, 336.813



63, 21.316, 304.825



48, 4.696, 336.865



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, 19.336, 337.908



80, 28.657, 338.259



64, 14.946, 9.069



36, 5.398, 337.068



34, 62.049, 348.479



3, 13.490, 342.222

Inverse Universe

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



65, 19.336, 337.908



80, 28.657, 338.259



72, 13.621, 185.469



36, 5.398, 337.068



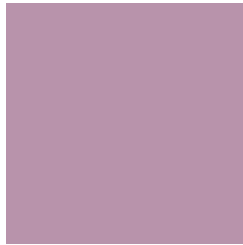
34, 62.049, 348.479



3, 13.490, 342.222

Previews

White Background



This preview shows how the CIELCh color 65, 19.338, 337.907 looks on a white background.

Color Contrast Check

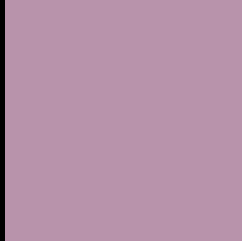
Large Text (above 18pt) WCAG AA × Fail

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, 19.338, 337.907 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, 19.338, 337.907

Background



This preview shows how black text looks on a background with the CIELCh color 65, 19.338, 337.907.



This preview shows how white text looks on a background with the CIELCh color 65, 19.338, 337.907.

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, 19.338, 337.907

Protanopia

65, 11.130, 287.629

Deuteranopia

65, 11.057, 321.665



Tritanopia
65, 14.545, 356.169

Trichromacy



Original Color
65, 19.338, 337.907

Protanomaly
65, 13.217, 312.696

Deuteranomaly
65, 13.713, 330.411

Tritanomaly
65, 16.127, 347.737

Monochromacy



Original Color
65, 19.338, 337.907

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 7.059, 335.074

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 19.338, 337.907 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, 171)` looks like.

```
.text, #text, p{  
    color:rgb(184, 147, 171)  
}
```

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, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 147, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 19.338, 337.907 is called "border". The border property can be set on classes, ids or directly on the HTML element.

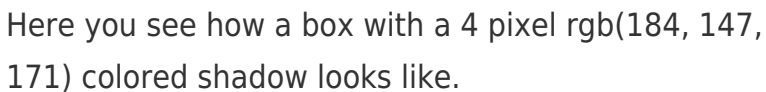
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(184, 147, 171) }
```

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

```
.border{ border-color:rgb(184, 147, 171) }
```

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, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 147, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 147, 171); box-shadow:4px 4px 4px 4px rgb(184, 147, 171) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 19.338, 337.907 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, 171) }
```

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

```
.background{ background-color: rgb(184,  
147, 171) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor