

Converting Colors

CIELCh(66, 21.421, 342.843)

Have a look what the booklet for
CIELCh(66, 21.421, 342.843)
contains.

CIELCh(66, 21.313, 343.202)	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(66, 21.313, 343.202)

Conversions

Conversions Part 1

Format	Color
Hex	C094AC
RGB	192, 148, 172
RGB Percent	75%, 58%, 67%
CMY	0.2474, 0.4199, 0.3258
CMYK	0.00, 0.23, 0.10, 0.25
HSL	327°, 26%, 67%
HSV	327°, 23%, 75%
XYZ	39.7308, 35.3238, 43.7107
YIQ	163.8920, 18.5200, 16.7920

Conversions

Conversions Part 2

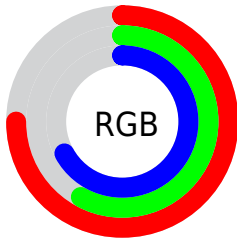
Format	Color
R_{YB}	192, 148, 172
Decimal	12620972
CIE _{Lab}	66.00, 20.40, -6.16
CIE _{LCh}	66, 21.313, 343.202
Yxy	35.3238, 0.3345, 0.2974
Android (android.graphics.Color)	4290811052 (0xFFC094AC)
YUV	163.8920, 3.9972, 24.6507
Hunter-Lab	59.4338, 15.3158, -2.0013

Details

The CIELCh color **66, 21.313, 343.202** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **74, 20.835, 159.325**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 21.435, 343.566**, and **46, 21.368, 342.972** is the 20% darker color. If you saturate the color by 10%, you get **61, 30.698, 344.209**, and if you desaturate by 10%, it is **71, 11.918, 342.292**.

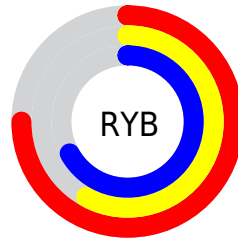
Distribution



Red (75%)

Green (58%)

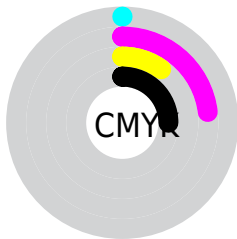
Blue (67%)



Red (75%)

Yellow (58%)

Blue (67%)

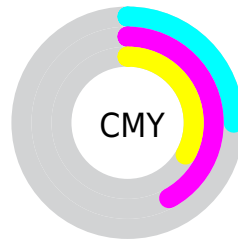


Cyan (0%)

Magenta (23%)

Yellow (10%)

Black (25%)



Cyan (25%)


Magenta (42%)


Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 21.313, 343.202 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 66, 21.313, 343.202 by changing the saturation by 10% instead.


 66, 21.313,
343.202


 66, 21.313,
343.202


 100, 21.313,
343.202


 56, 21.313,
343.202


 86, 21.313,
343.202

 46, 21.313,
343.202


 96, 21.313,
343.202

 36, 21.313,
343.202

 26, 21.313,
343.202

 16, 21.313,
343.202

 6, 21.313, 343.202

 0, 21.313, 343.202

66, 21.313,
343.202

66, 21.313,
343.202

61, 30.698,
344.209

71, 11.918,
342.292

57, 39.847,
345.345

76, 2.669, 341.367

81, 6.349, 160.821

53, 48.425,
346.657

87, 15.090,
160.098

49, 56.005,
348.213

92, 23.538,
159.452

46, 62.108,
350.107

95, 27.057,
162.072

44, 66.321,
352.465


95, 24.400,
170.248

42, 68.467,
355.433

96, 22.294,
180.130

42, 69.128,

357.864

 96, 20.914,
191.641

Harmonies

Complementary

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



66, 21.313, 343.202



74, 20.835, 159.325

Rectangle

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



66, 21.313, 343.202



66, 21.313, 33.202



66, 21.313, 163.202



66, 21.313, 213.202

Sweetspot

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



66, 21.311, 343.204



94, 7.951, 341.783



64, 25.633, 308.451



49, 5.169, 341.837



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



66, 21.311, 343.204



81, 32.333, 343.746



65, 17.643, 17.206



38, 5.251, 341.982



34, 60.706, 357.318



3, 16.261, 349.590

Inverse Universe

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



66, 21.311, 343.204



81, 32.333, 343.746



75, 15.385, 193.780



38, 5.251, 341.982



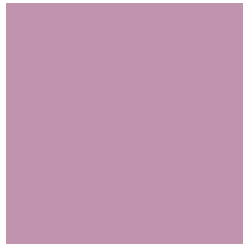
34, 60.706, 357.318



3, 16.261, 349.590

Previews

White Background



This preview shows how the CIELCh color 66, 21.313, 343.202 looks on a white background.

Color Contrast Check

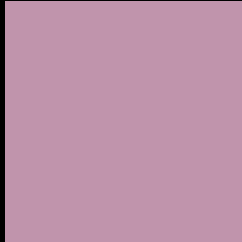
Large Text (above 18pt) WCAG AA × Fail

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 66, 21.313, 343.202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

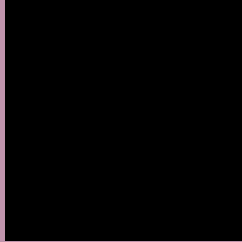
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 21.313, 343.202

Background



This preview shows how black text looks on a background with the CIELCh color 66, 21.313, 343.202.



This preview shows how white text looks on a background with the CIELCh color 66, 21.313, 343.202.

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

66, 21.313, 343.202

Protanopia

66, 10.540, 287.344

Deuteranopia

66, 9.872, 328.554



Tritanopia
66, 17.081, 0.392

Trichromacy



Original Color
66, 21.313, 343.202

Protanomaly
66, 12.305, 316.190

Deuteranomaly
66, 14.038, 335.578

Tritanomaly
66, 18.443, 352.752

Monochromacy



Original Color
66, 21.313, 343.202

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 7.892, 341.099

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 21.313, 343.202 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(192, 148, 172)` looks like.

```
.text, #text, p{  
    color:rgb(192, 148, 172)  
}
```

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(192, 148, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 148, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 21.313, 343.202 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(192, 148, 172) }
```

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

```
.border{ border-color:rgb(192, 148, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 148, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 148, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 148, 172);  
box-shadow:4px 4px 4px 4px rgb(192, 148,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 21.313, 343.202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 148, 172) }
```

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

```
.background{ background-color: rgb(192,  
148, 172) }
```

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