

Converting Colors

CIELCh(67, 13.627, 351.765)

Have a look what the booklet for
CIELCh(67, 13.627, 351.765)
contains.

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Color

CIELCh(67, 13.627, 351.765)

Conversions

Conversions Part 1

Format	Color
Hex	BA9BA7
RGB	186, 155, 167
RGB Percent	73%, 61%, 65%
CMY	0.2709, 0.3925, 0.3454
CMYK	0.00, 0.17, 0.10, 0.27
HSL	337°, 18%, 67%
HSV	337°, 17%, 73%
XYZ	38.9055, 36.6320, 41.5404
YIQ	165.6370, 14.6240, 10.3040

Conversions

Conversions Part 2

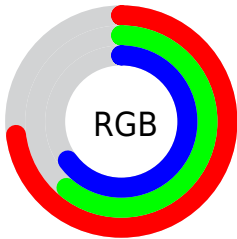
Format	Color
RYB	186, 155, 167
Decimal	12229543
CIELab	67.00, 13.49, -1.95
CIELCh	67, 13.627, 351.765
Yxy	36.6320, 0.3323, 0.3129
Android (android.graphics.Color)	4290419623 (0xFFBA9BA7)
YUV	165.6370, 0.6720, 17.8584
Hunter-Lab	60.5244, 8.8234, 1.6738

Details

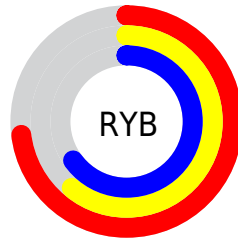
The CIELCh color $67, 13.627, 351.765$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $73, 13.168, 168.720$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 13.233, 352.198$, and $47, 13.584, 352.765$ is the 20% darker color. If you saturate the color by 10%, you get $62, 22.071, 352.906$, and if you desaturate by 10%, it is $72, 5.368, 350.736$.

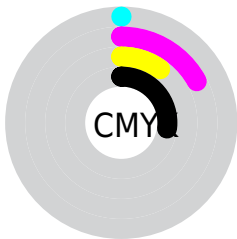
Distribution



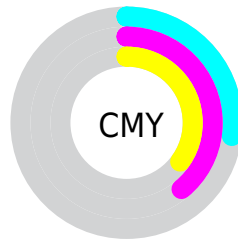
- Red (73%)
- Green (61%)
- Blue (65%)



- Red (73%)
- Yellow (61%)
- Blue (65%)



- Cyan (0%)
- Magenta (17%)
- Yellow (10%)
- Black (27%)





- Cyan (27%)
- Magenta (39%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 13.627, 351.765 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 67, 13.627, 351.765 by changing the saturation by 10% instead.


 67, 13.627,
351.765


 67, 13.627,
351.765


 100, 13.627,
351.765


 57, 13.627,
351.765


 87, 13.627,
351.765

 47, 13.627,
351.765

 97, 13.627,
351.765

 37, 13.627,
351.765

 27, 13.627,
351.765

 17, 13.627,
351.765

 7, 13.627, 351.765

 0, 13.627, 351.765

67, 13.627,
351.765

67, 13.627,
351.765

62, 22.071,
352.906

72, 5.368, 350.736

57, 30.568,
354.219

77, 2.622, 170.102

53, 38.896,
355.775

82, 10.310,
169.196

49, 46.739,
357.663

88, 17.688,
168.467

46, 53.705, 0.006

93, 24.763,
167.811

43, 59.392, 2.963

95, 25.468,
174.334

41, 63.535, 6.708

95, 23.167,
187.299

40, 66.222, 11.344

96, 22.292,
198.044

39, 67.061, 12.951

Harmonies

Complementary

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



67, 13.627, 351.765



73, 13.168, 168.720

Rectangle

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



67, 13.627, 351.765



67, 13.627, 41.765



67, 13.627, 171.765



67, 13.627, 221.765

Sweetspot

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



67, 13.625, 351.769



92, 4.976, 350.566



66, 18.541, 313.184



49, 3.426, 350.643



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



67, 13.625, 351.769



83, 20.369, 352.168



67, 11.170, 29.072



36, 4.532, 351.009



33, 58.680, 12.149



2, 11.561, 357.115

Inverse Universe

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



67, 13.625, 351.769



83, 20.369, 352.168



72, 10.000, 208.423



36, 4.532, 351.009



33, 58.680, 12.149



2, 11.561, 357.115

Previews

White Background



This preview shows how the CIELCh color 67, 13.627, 351.765 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 67, 13.627, 351.765 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

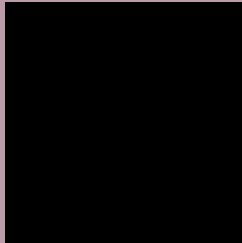
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 13.627, 351.765

Background



This preview shows how black text looks on a background with the CIELCh color 67, 13.627, 351.765.



This preview shows how white text looks on a background with the CIELCh color 67, 13.627, 351.765.

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
67, 13.627, 351.765

Protanopia
67, 5.045, 299.188

Deuteranopia
67, 8.857, 350.387



Tritanopia
67, 13.627, 351.765

Trichromacy



Original Color
67, 13.627, 351.765

Protanomaly
67, 7.851, 329.379

Deuteranomaly
67, 10.477, 352.176

Tritanomaly
67, 13.627, 351.765

Monochromacy



Original Color
67, 13.627, 351.765

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 4.756, 352.191

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 13.627, 351.765 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(186, 155, 167)` looks like.

```
.text, #text, p{  
    color:rgb(186, 155, 167)  
}
```

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(186, 155, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 155, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 13.627, 351.765 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(186, 155, 167) }
```

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

```
.border{ border-color:rgb(186, 155, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 155, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 155, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 155, 167);  
box-shadow:4px 4px 4px 4px rgb(186, 155,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 13.627, 351.765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 155, 167) }
```

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

```
.background{ background-color: rgb(186,  
155, 167) }
```

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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