

Converting Colors

CIELCh(67, 22.606, 314.428)

Have a look what the booklet for
CIELCh(67, 22.606, 314.428)
contains.

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Color

CIELCh(67, 22.171, 314.013)

Conversions

Conversions Part 1

Format	Color
Hex	B29BC0
RGB	178, 155, 192
RGB Percent	70%, 61%, 75%
CMY	0.3026, 0.3928, 0.2477
CMYK	0.07, 0.19, 0.00, 0.25
HSL	277°, 23%, 68%
HSV	277°, 19%, 75%
XYZ	39.5117, 36.6320, 54.7594
YIQ	166.0950, 1.8310, 16.3830

Conversions

Conversions Part 2

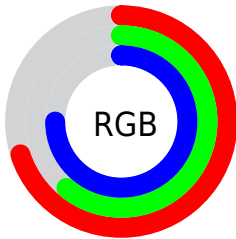
Format	Color
R_{YB}	178, 155, 192
Decimal	11705280
CIE _{Lab}	67.00, 15.40, -15.94
CIE _{LCh}	67, 22.171, 314.013
Yxy	36.6320, 0.3018, 0.2798
Android (android.graphics.Color)	4289895360 (0xFFB29BC0)
YUV	166.0950, 12.7712, 10.4407
Hunter-Lab	60.5244, 10.6114, -11.2755

Details

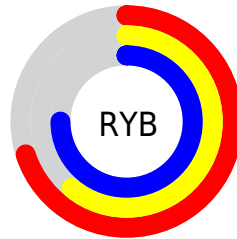
The CIELCh color $67, 22.171, 314.013$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $75, 21.753, 132.362$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 21.662, 314.173$, and $47, 21.735, 314.097$ is the 20% darker color. If you saturate the color by 10%, you get $62, 33.982, 314.466$, and if you desaturate by 10%, it is $72, 10.552, 313.569$.

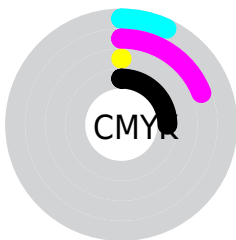
Distribution



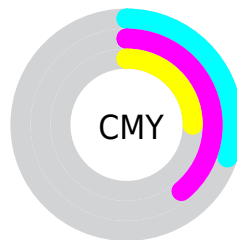
- Red (70%)
- Green (61%)
- Blue (75%)



- Red (70%)
- Yellow (61%)
- Blue (75%)



- Cyan (7%)
- Magenta (19%)
- Yellow (0%)
- Black (25%)





- Cyan (30%)
- Magenta (39%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 22.171, 314.013 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, 22.171, 314.013 by changing the saturation by 10% instead.


 67, 22.171,
314.013


 67, 22.171,
314.013


 100, 22.171,
314.013


 57, 22.171,
314.013


 87, 22.171,
314.013

 47, 22.171,
314.013


 97, 22.171,
314.013

 37, 22.171,
314.013

 27, 22.171,
314.013

 17, 22.171,
314.013

 7, 22.171, 314.013

 0, 22.171, 314.013

67, 22.171,
314.013

67, 22.171,
314.013

62, 33.982,
314.466

72, 10.552,
313.569

56, 45.861,
314.915

78, 0.795, 133.364

51, 57.585,
315.332

84, 11.835,
132.805

46, 68.813,
315.675

89, 22.554,
132.453

42, 79.049,
315.887

95, 32.954,
132.139

39, 87.658,
315.892

96, 34.367,
129.048

36, 93.982,
315.608

97, 33.432,
124.887

34, 97.922,

97, 32.687,
120.441

315.024

■ 98, 32.156,
115.753

■ 33, 98.185,
314.983

Harmonies

Complementary

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



67, 22.171, 314.013



75, 21.753, 132.362

Rectangle

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



67, 22.171, 314.013



67, 22.171, 4.013



67, 22.171, 134.013



67, 22.171, 184.013

Sweetspot

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



67, 22.169, 314.012



94, 8.423, 313.427



69, 13.343, 269.693



50, 5.590, 313.456



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



67, 22.169, 314.012



83, 32.912, 314.197



68, 22.596, 328.898



38, 6.498, 313.573



27, 86.008, 315.124



2, 20.740, 309.927

Inverse Universe

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



68, 16.151, 352.611



83, 24.006, 353.078



74, 22.552, 146.516



38, 4.715, 351.563



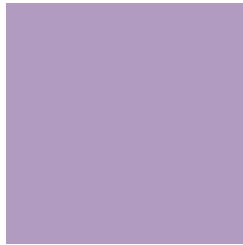
34, 60.215, 13.130



3, 14.976, 359.360

Previews

White Background



This preview shows how the CIELCh color 67, 22.171, 314.013 looks on a white background.

Color Contrast Check

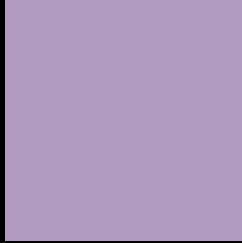
Large Text (above 18pt) WCAG AA × Fail

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, 22.171, 314.013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

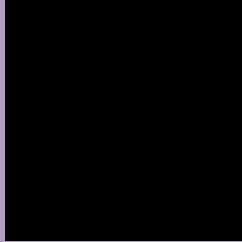
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 22.171, 314.013

Background



This preview shows how black text looks on a background with the CIELCh color 67, 22.171, 314.013.



This preview shows how white text looks on a background with the CIELCh color 67, 22.171, 314.013.

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, 22.171, 314.013

Protanopia
67, 18.850, 285.805

Deuteranopia
67, 17.933, 299.921



Tritanopia
67, 9.006, 332.893

Trichromacy



Original Color
67, 22.171, 314.013

Protanomaly
67, 19.492, 297.302

Deuteranomaly
67, 19.471, 305.818

Tritanomaly
67, 14.120, 321.232

Monochromacy



Original Color
67, 22.171, 314.013

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 7.807, 313.280

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 22.171, 314.013 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(178, 155, 192)` looks like.

```
.text, #text, p{  
    color:rgb(178, 155, 192)  
}
```

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(178, 155, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 155, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 22.171, 314.013 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(178, 155, 192) }
```

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

```
.border{ border-color:rgb(178, 155, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 155, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 155, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 155, 192);  
box-shadow:4px 4px 4px 4px rgb(178, 155,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 22.171, 314.013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 155, 192) }
```

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

```
.background{ background-color: rgb(178,  
155, 192) }
```

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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