

Converting Colors

CIELCh(67, 27.448, 329.021)

Have a look what the booklet for
CIELCh(67, 27.448, 329.021)
contains.

CIELCh(67, 27.551, 328.956)	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(67, 27.551, 328.956)

Conversions

Conversions Part 1

Format	Color
Hex	C295BD
RGB	194, 149, 189
RGB Percent	76%, 58%, 74%
CMY	0.2393, 0.4157, 0.2589
CMYK	0.00, 0.23, 0.03, 0.24
HSL	307°, 27%, 67%
HSV	307°, 23%, 76%
XYZ	42.1741, 36.6320, 52.9847
YIQ	167.0150, 13.9800, 21.9800

Conversions

Conversions Part 2

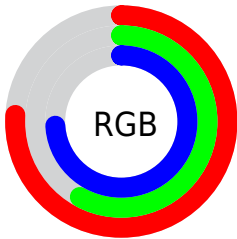
Format	Color
RYB	194, 149, 189
Decimal	12752317
CIELab	67.00, 23.60, -14.21
CIELCh	67, 27.551, 328.956
Yxy	36.6320, 0.3200, 0.2780
Android (android.graphics.Color)	4290942397 (0xFFC295BD)
YUV	167.0150, 10.8386, 23.6658
Hunter-Lab	60.5244, 18.4634, -9.5371

Details

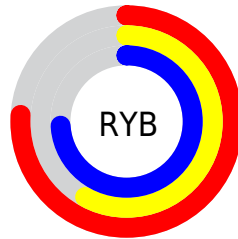
The CIELCh color $67, 27.551, 328.956$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $74, 27.501, 146.035$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 27.716, 329.174$, and $47, 27.580, 328.811$ is the 20% darker color. If you saturate the color by 10%, you get $62, 39.314, 329.553$, and if you desaturate by 10%, it is $72, 15.629, 328.358$.

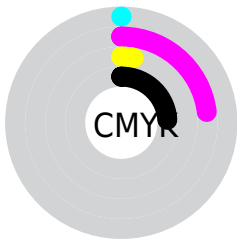
Distribution



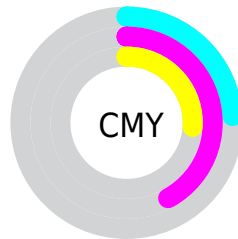
- Red (76%)
- Green (58%)
- Blue (74%)



- Red (76%)
- Yellow (58%)
- Blue (74%)



- Cyan (0%)
- Magenta (23%)
- Yellow (3%)
- Black (24%)





- Cyan (24%)
- Magenta (42%)
- Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 27.551, 328.956 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, 27.551, 328.956 by changing the saturation by 10% instead.

 67, 27.551,
328.956


 67, 27.551,
328.956


 100, 27.551,
328.956

 57, 27.551,
328.956


 87, 27.551,
328.956

 47, 27.551,
328.956

 97, 27.551,
328.956

 37, 27.551,
328.956

 27, 27.551,
328.956

 17, 27.551,
328.956

 7, 27.551, 328.956

 0, 27.551, 328.956

67, 27.551,
328.956

67, 27.551,
328.956

62, 39.314,
329.553

72, 15.629,
328.358

58, 50.624,
330.144

77, 3.764, 327.722

82, 7.909, 147.267

54, 61.085,
330.721

87, 19.307,
146.702

51, 70.221,
331.281

92, 30.386,
146.177

48, 77.539,
331.821

95, 34.947,
146.518

47, 82.637,
332.346


95, 34.070,
147.632

45, 85.349,
332.872

95, 33.203,
148.802

45, 86.200,

333.235

 95, 32.347,
150.030

Harmonies

Complementary

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



67, 27.551, 328.956



74, 27.501, 146.035

Rectangle

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



67, 27.551, 328.956



67, 27.551, 18.956



67, 27.551, 148.956



67, 27.551, 198.956

Sweetspot

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



67, 27.549, 328.956



95, 10.232, 327.988



64, 25.262, 296.321



51, 6.705, 328.027



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 27.549, 328.956



82, 41.158, 329.270



66, 19.933, 351.674



38, 6.695, 328.127



37, 75.048, 333.157



4, 21.822, 330.417

Inverse Universe

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



67, 27.549, 328.956



82, 41.158, 329.270



75, 19.050, 167.250



38, 6.695, 328.127



37, 75.048, 333.157



4, 21.822, 330.417

Previews

White Background



This preview shows how the CIELCh color 67, 27.551, 328.956 looks on a white background.

Color Contrast Check

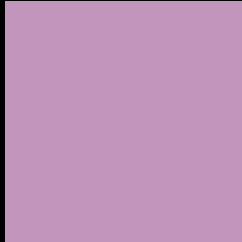
Large Text (above 18pt) WCAG AA × Fail

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, 27.551, 328.956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

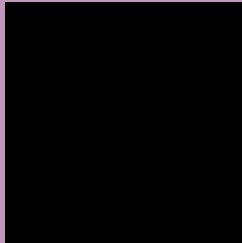
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 27.551, 328.956

Background



This preview shows how black text looks on a background with the CIELCh color 67, 27.551, 328.956.



This preview shows how white text looks on a background with the CIELCh color 67, 27.551, 328.956.

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





Tritanopia
67, 16.107, 356.858

Trichromacy



Original Color
67, 27.551, 328.956

Protanomaly
67, 21.544, 303.588

Deuteranomaly
67, 20.019, 315.397

Tritanomaly
67, 19.408, 342.768

Monochromacy



Original Color
67, 27.551, 328.956

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 10.489, 328.342

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 27.551, 328.956 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(194, 149, 189)` looks like.

```
.text, #text, p{  
    color:rgb(194, 149, 189)  
}
```

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(194, 149, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 149, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 27.551, 328.956 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(194, 149, 189) }
```

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

```
.border{ border-color:rgb(194, 149, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 149, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 149, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 149, 189);  
box-shadow:4px 4px 4px 4px rgb(194, 149,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 27.551, 328.956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 149, 189) }
```

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

```
.background{ background-color: rgb(194,  
149, 189) }
```

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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