

Converting Colors

CIELCh(69, 31.523, 326.309)

Have a look what the booklet for
CIELCh(69, 31.523, 326.309)
contains.

CIELCh(69, 31.047, 326.305)	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(69, 31.047, 326.305)

Conversions

Conversions Part 1

Format	Color
Hex	C999C8
RGB	201, 153, 200
RGB Percent	79%, 60%, 78%
CMY	0.2120, 0.4002, 0.2159
CMYK	0.00, 0.24, 0.00, 0.21
HSL	301°, 31%, 69%
HSV	301°, 24%, 79%
XYZ	45.8761, 39.3444, 59.7886
YIQ	172.7100, 13.5210, 24.7930

Conversions

Conversions Part 2

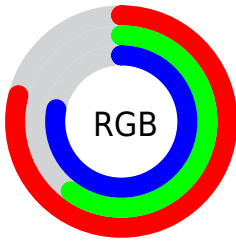
Format	Color
R_{YB}	201, 153, 200
Decimal	13212104
CIE _{Lab}	69.00, 25.83, -17.22
CIE _{LCh}	69, 31.047, 326.305
Yxy	39.3444, 0.3164, 0.2713
Android (android.graphics.Color)	4291402184 (0xFFC999C8)
YUV	172.7100, 13.4540, 24.8103
Hunter-Lab	62.7251, 20.7829, -12.6068

Details

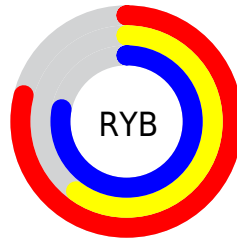
The CIELCh color $69, 31.047, 326.305$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $77, 31.028, 143.416$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 29.467, 325.450$, and $49, 31.262, 326.063$ is the 20% darker color. If you saturate the color by 10%, you get $64, 43.873, 326.843$, and if you desaturate by 10%, it is $74, 18.011, 325.750$.

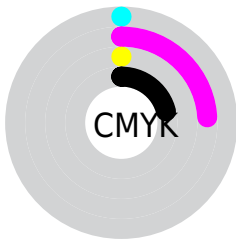
Distribution



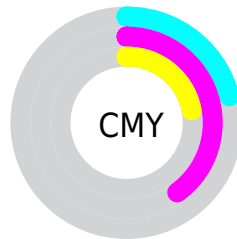
- Red (79%)
- Green (60%)
- Blue (78%)



- Red (79%)
- Yellow (60%)
- Blue (78%)



- Cyan (0%)
- Magenta (24%)
- Yellow (0%)
- Black (21%)





- Cyan (21%)
- Magenta (40%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 31.047, 326.305 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 69, 31.047, 326.305 by changing the saturation by 10% instead.


 69, 31.047,
326.305


 69, 31.047,
326.305


 100, 31.047,
326.305


 59, 31.047,
326.305


 89, 31.047,
326.305

 49, 31.047,
326.305

 99, 31.047,
326.305

 39, 31.047,
326.305

 29, 31.047,
326.305

 19, 31.047,
326.305

 9, 31.047, 326.305

 0, 31.047, 326.305

69, 31.047,
326.305

69, 31.047,
326.305

64, 43.873,
326.843

74, 18.011,
325.750

60, 56.164,
327.352

79, 5.012, 325.161

56, 67.489,
327.817

84, 7.794, 144.704

53, 77.350,
328.223

89, 20.306,
144.156

51, 85.253,
328.558

95, 32.469,
143.644

49, 90.823,
328.815

95, 33.241,
143.797


48, 93.948,
328.996

95, 33.066,
144.007

48, 95.014,

95, 32.890,
144.220

329.082

 95, 32.715,
144.434

Harmonies

Complementary

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



69, 31.047, 326.305



77, 31.028, 143.416

Rectangle

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



69, 31.047, 326.305



69, 31.047, 16.305



69, 31.047, 146.305



69, 31.047, 196.305

Sweetspot

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



69, 31.045, 326.305



96, 10.978, 325.361



65, 26.747, 293.526



51, 7.136, 325.397



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



69, 31.045, 326.305



83, 45.676, 326.605



68, 22.180, 346.724



39, 7.279, 325.494



38, 81.434, 329.069



4, 26.273, 327.701

Inverse Universe

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



69, 31.045, 326.305



83, 45.676, 326.605



77, 21.478, 162.409



39, 7.279, 325.494



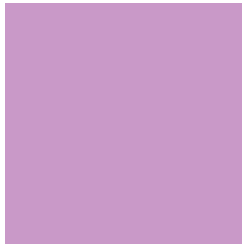
38, 81.434, 329.069



4, 26.273, 327.701

Previews

White Background



This preview shows how the CIELCh color 69, 31.047, 326.305 looks on a white background.

Color Contrast Check

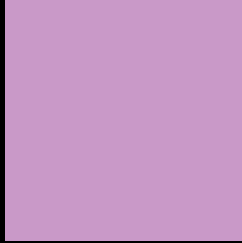
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 69, 31.047, 326.305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

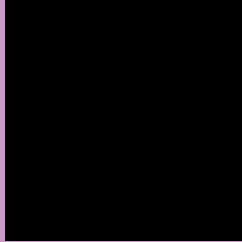
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 31.047, 326.305

Background



This preview shows how black text looks on a background with the CIELCh color 69, 31.047, 326.305.



This preview shows how white text looks on a background with the CIELCh color 69, 31.047, 326.305.

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
69, 31.047, 326.305

Protanopia
69, 23.695, 286.047

Deuteranopia
69, 18.311, 298.583



Tritanopia
69, 16.571, 355.654

Trichromacy



Original Color
69, 31.047, 326.305

Protanomaly
69, 24.654, 302.215

Deuteranomaly
69, 22.291, 311.725

Tritanomaly
69, 21.229, 339.375

Monochromacy



Original Color
69, 31.047, 326.305

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 11.300, 324.924

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 31.047, 326.305 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(201, 153, 200)` looks like.

```
.text, #text, p{  
    color:rgb(201, 153, 200)  
}
```

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(201, 153, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 153, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 31.047, 326.305 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(201, 153, 200) }
```

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

```
.border{ border-color:rgb(201, 153, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 153, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 153, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 153, 200);  
box-shadow:4px 4px 4px 4px rgb(201, 153,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 31.047, 326.305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 153, 200) }
```

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

```
.background{ background-color: rgb(201,  
153, 200) }
```

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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