

Converting Colors

CIELCh(70, 30.830, 327.637)

Have a look what the booklet for
CIELCh(70, 30.830, 327.637)
contains.

CIELCh(70, 30.951, 328.062)	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(70, 30.951, 328.062)

Conversions

Conversions Part 1

Format	Color
Hex	CD9BC9
RGB	205, 155, 201
RGB Percent	80%, 61%, 79%
CMY	0.1952, 0.3913, 0.2109
CMYK	0.00, 0.24, 0.02, 0.20
HSL	305°, 33%, 71%
HSV	305°, 24%, 80%
XYZ	47.5613, 40.7494, 60.7501
YIQ	175.1940, 15.0340, 24.9060

Conversions

Conversions Part 2

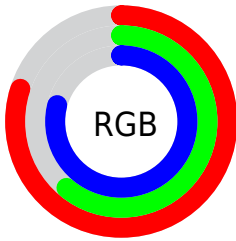
Format	Color
R _Y B	205, 155, 201
Decimal	13474761
CIE Lab	70.00, 26.27, -16.37
CIE LCh	70, 30.951, 328.062
Yxy	40.7494, 0.3191, 0.2734
Android (android.graphics.Color)	4291664841 (0xFFCD9BC9)
YUV	175.1940, 12.7224, 26.1399
Hunter-Lab	63.8353, 21.2819, -11.7398

Details

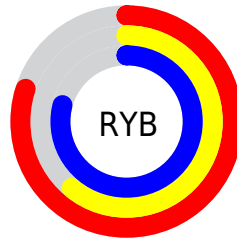
The CIELCh color `70, 30.951, 328.062` is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be `78, 30.913, 145.017`, and the grayscale version is `72, 0.009, 296.813`.

A 20% lighter version of the original color is `89, 28.208, 325.407`, and `50, 31.116, 327.927` is the 20% darker color. If you saturate the color by 10%, you get `65, 43.479, 328.637`, and if you desaturate by 10%, it is `75, 18.212, 327.479`.

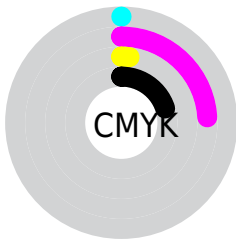
Distribution



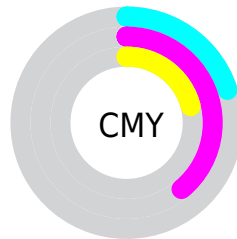
- Red (80%)
- Green (61%)
- Blue (79%)



- Red (80%)
- Yellow (61%)
- Blue (79%)



- Cyan (0%)
- Magenta (24%)
- Yellow (2%)
- Black (20%)





- Cyan (20%)
- Magenta (39%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 30.951, 328.062 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 70, 30.951, 328.062 by changing the saturation by 10% instead.


 70, 30.951,
328.062


 70, 30.951,
328.062


 100, 30.951,
328.062


 60, 30.951,
328.062


 90, 30.951,
328.062

 50, 30.951,
328.062

 40, 30.951,
328.062

 30, 30.951,
328.062

 20, 30.951,
328.062

 10, 30.951,
328.062

 0, 30.951, 328.062

70, 30.951,
328.062

70, 30.951,
328.062

65, 43.479,
328.637

75, 18.212,
327.479

61, 55.468,
329.197

80, 5.506, 326.872

85, 7.011, 146.405

57, 66.483,
329.731

91, 19.243,
145.839

54, 76.014,
330.232

96, 29.429,
145.517

51, 83.551,
330.692

96, 28.752,
146.500

49, 88.704,
331.115


96, 28.081,
147.527

48, 91.359,
331.510

96, 27.419,
148.602

48, 92.103,

331.726

 96, 26.765,
149.727

Harmonies

Complementary

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



70, 30.951, 328.062



78, 30.913, 145.017

Rectangle

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



70, 30.951, 328.062



70, 30.951, 18.062



70, 30.951, 148.062



70, 30.951, 198.062

Sweetspot

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



70, 30.949, 328.062



96, 10.541, 327.047



66, 27.820, 295.314



51, 6.852, 327.084



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 30.949, 328.062



82, 43.883, 328.351



69, 22.360, 349.743



40, 7.137, 327.186



38, 78.655, 331.669



5, 27.225, 330.254

Inverse Universe

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



70, 30.949, 328.062



82, 43.883, 328.351



79, 21.453, 165.142



40, 7.137, 327.186



38, 78.655, 331.669



5, 27.225, 330.254

Previews

White Background



This preview shows how the CIELCh color 70, 30.951, 328.062 looks on a white background.

Color Contrast Check

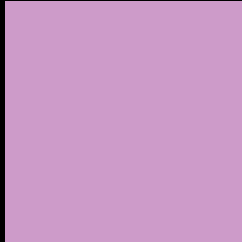
Large Text (above 18pt) WCAG AA × Fail

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 70, 30.951, 328.062 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 70, 30.951, 328.062

Background



This preview shows how black text looks on a background with the CIELCh color 70, 30.951, 328.062.



This preview shows how white text looks on a background with the CIELCh color 70, 30.951, 328.062.

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
70, 17.240, 356.837

Trichromacy



Original Color
70, 30.951, 328.062

Protanomaly
70, 23.565, 303.429

Deuteranomaly
70, 21.985, 313.981

Tritanomaly
70, 21.707, 342.611

Monochromacy



Original Color
70, 30.951, 328.062

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 11.488, 326.482

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 30.951, 328.062 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(205, 155, 201)` looks like.

```
.text, #text, p{  
    color:rgb(205, 155, 201)  
}
```

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(205, 155, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 155, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 30.951, 328.062 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(205, 155, 201) }
```

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

```
.border{ border-color:rgb(205, 155, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 155, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 155, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 155, 201);  
box-shadow:4px 4px 4px 4px rgb(205, 155,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 30.951, 328.062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 155, 201) }
```

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

```
.background{ background-color: rgb(205,  
155, 201) }
```

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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