

Converting Colors

CIELCh(68, 36.637, 318.437)

Have a look what the booklet for
CIELCh(68, 36.637, 318.437)
contains.

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Color

CIELCh(68, 36.641, 318.527)

Conversions

Conversions Part 1

Format	Color
Hex	C396D2
RGB	195, 150, 210
RGB Percent	76%, 59%, 82%
CMY	0.2361, 0.4125, 0.1772
CMYK	0.07, 0.29, 0.00, 0.18
HSL	285°, 40%, 71%
HSV	285°, 29%, 82%
XYZ	44.9394, 37.9720, 65.8040
YIQ	170.2950, 7.5600, 28.2000

Conversions

Conversions Part 2

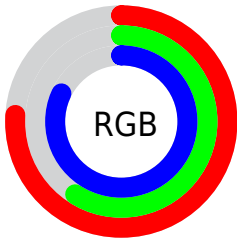
Format	Color
RYB	195, 150, 210
Decimal	12818130
CIELab	68.00, 27.45, -24.27
CIELCh	68, 36.641, 318.527
Yxy	37.9720, 0.3022, 0.2553
Android (android.graphics.Color)	4291008210 (0xFFC396D2)
YUV	170.2950, 19.5746, 21.6663
Hunter-Lab	61.6215, 22.3393, -20.1793

Details

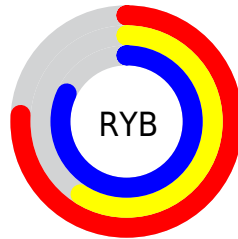
The CIELCh color $68, 36.641, 318.527$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $80, 36.019, 135.878$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $88, 30.814, 323.824$, and $48, 36.241, 318.815$ is the 20% darker color. If you saturate the color by 10%, you get $63, 49.532, 318.948$, and if you desaturate by 10%, it is $74, 23.681, 318.087$.

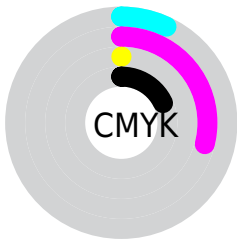
Distribution



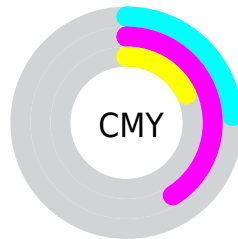
- Red (76%)
- Green (59%)
- Blue (82%)



- Red (76%)
- Yellow (59%)
- Blue (82%)



- Cyan (7%)
- Magenta (29%)
- Yellow (0%)
- Black (18%)





- Cyan (24%)
- Magenta (41%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 36.641, 318.527 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 68, 36.641, 318.527 by changing the saturation by 10% instead.


 68, 36.641,
318.527


 68, 36.641,
318.527


 100, 36.641,
318.527


 58, 36.641,
318.527


 88, 36.641,
318.527

 48, 36.641,
318.527

 98, 36.641,
318.527

 38, 36.641,
318.527

 28, 36.641,
318.527

 18, 36.641,
318.527

 8, 36.641, 318.527

 0, 36.641, 318.527

68, 36.641,
318.527

68, 36.641,
318.527

63, 49.532,
318.948

74, 23.681,
318.087

58, 62.068,
319.323

79, 10.847,
317.640

53, 73.831,
319.616

85, 1.747, 137.352

49, 84.269,
319.781

91, 14.036,
136.851

45, 92.754,
319.762

97, 25.986,
136.471

43, 98.722,
319.505

97, 25.287,
132.877


41, 102.091,
318.996

97, 24.525,
128.947

41, 102.492,

98, 23.886,
124.737

318.919

 98, 23.385,
120.273

Harmonies

Complementary

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



68, 36.641, 318.527



80, 36.019, 135.878

Rectangle

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



68, 36.641, 318.527



68, 36.641, 8.527



68, 36.641, 138.527



68, 36.641, 188.527

Sweetspot

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



68, 36.639, 318.527



94, 13.318, 317.664



68, 24.608, 280.284



49, 9.267, 317.730



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



68, 36.639, 318.527



78, 51.123, 318.774



69, 33.240, 333.619



41, 7.149, 317.677



32, 86.928, 319.047



4, 28.833, 318.073

Inverse Universe

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



68, 24.734, 2.672



78, 34.784, 3.530



79, 33.041, 149.532



41, 4.701, 0.347



35, 65.784, 25.038



4, 20.334, 7.943

Previews

White Background



This preview shows how the CIELCh color 68, 36.641, 318.527 looks on a white background.

Color Contrast Check

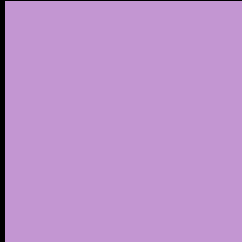
Large Text (above 18pt) WCAG AA × Fail

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 68, 36.641, 318.527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

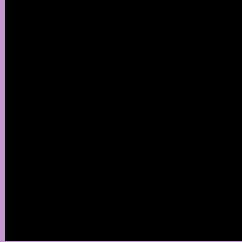
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 36.641, 318.527

Background



This preview shows how black text looks on a background with the CIELCh color 68, 36.641, 318.527.



This preview shows how white text looks on a background with the CIELCh color 68, 36.641, 318.527.

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
68, 14.183, 350.590

Trichromacy



Original Color
68, 36.641, 318.527

Protanomaly
68, 31.610, 297.490

Deuteranomaly
68, 28.181, 303.373

Tritanomaly
68, 21.506, 331.344

Monochromacy



Original Color
68, 36.641, 318.527

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 13.025, 318.132

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 36.641, 318.527 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(195, 150, 210)` looks like.

```
.text, #text, p{  
    color:rgb(195, 150, 210)  
}
```

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(195, 150, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 150, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 36.641, 318.527 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(195, 150, 210) }
```

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

```
.border{ border-color:rgb(195, 150, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 150, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 150, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 150, 210);  
box-shadow:4px 4px 4px 4px rgb(195, 150,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 36.641, 318.527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 150, 210) }
```

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

```
.background{ background-color: rgb(195,  
150, 210) }
```

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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