

Converting Colors

CIELCh(69, 27.557, 301.242)

Have a look what the booklet for
CIELCh(69, 27.557, 301.242)
contains.

CIELCh(69, 27.304, 300.682)	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, 27.304, 300.682)

Conversions

Conversions Part 1

Format	Color
Hex	ADA2D3
RGB	173, 162, 211
RGB Percent	68%, 64%, 83%
CMY	0.3222, 0.3653, 0.1732
CMYK	0.18, 0.23, 0.00, 0.17
HSL	253°, 36%, 73%
HSV	253°, 23%, 83%
XYZ	41.8261, 39.3444, 66.9073
YIQ	170.8750, -9.1730, 17.5710

Conversions

Conversions Part 2

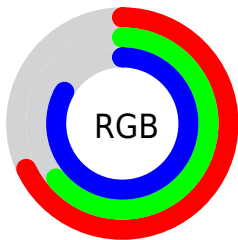
Format	Color
RYB	173, 162, 211
Decimal	11379411
CIELab	69.00, 13.93, -23.48
CIElCh	69, 27.304, 300.682
Yxy	39.3444, 0.2825, 0.2657
Android (android.graphics.Color)	4289569491 (0xFFADA2D3)
YUV	170.8750, 19.7816, 1.8636
Hunter-Lab	62.7251, 9.2578, -19.3356

Details

The CIELCh color $69, 27.304, 300.682$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $83, 25.989, 117.410$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 20.330, 303.294$, and $49, 27.382, 300.956$ is the 20% darker color. If you saturate the color by 10%, you get $62, 39.785, 301.618$, and if you desaturate by 10%, it is $76, 15.264, 299.857$.

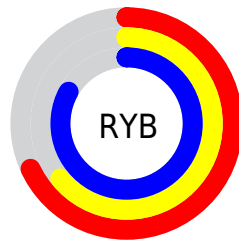
Distribution



Red (68%)

Green (64%)

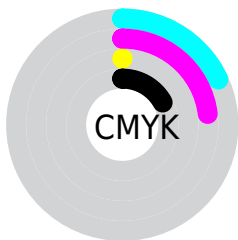
Blue (83%)



Red (68%)

Yellow (64%)

Blue (83%)

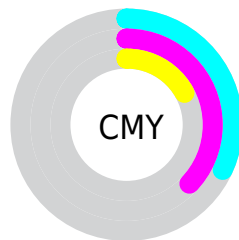


Cyan (18%)

Magenta (23%)

Yellow (0%)

Black (17%)



Cyan (32%)

Magenta (37%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 27.304, 300.682 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, 27.304, 300.682 by changing the saturation by 10% instead.

69, 27.304,
300.682

69, 27.304,
300.682

100, 27.304,
300.682

59, 27.304,
300.682

89, 27.304,
300.682

49, 27.304,
300.682

99, 27.304,
300.682

39, 27.304,
300.682

29, 27.304,
300.682

19, 27.304,
300.682

9, 27.304, 300.682

0, 27.304, 300.682

69, 27.304,
300.682

69, 27.304,
300.682

62, 39.785,
301.618

76, 15.264,
299.857

56, 52.675,
302.667

82, 3.670, 299.137

89, 7.497, 118.526

49, 65.850,
303.805

96, 18.261,
117.991

43, 79.021,
304.981

99, 22.312,
108.873

37, 91.592,
306.088

99, 22.310,
108.487

33, 102.518,
306.954

29, 110.390,
307.361

28, 113.928,

Harmonies

Complementary

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



69, 27.304, 300.682



83, 25.989, 117.410

Rectangle

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



69, 27.304, 300.682



69, 27.304, 350.682



69, 27.304, 120.682



69, 27.304, 170.682

Sweetspot

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



69, 27.302, 300.681



95, 9.316, 299.403



78, 14.024, 222.579



50, 6.059, 299.446



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, 27.302, 300.681



78, 38.756, 301.142



71, 29.579, 317.248



40, 6.454, 299.570



21, 96.175, 307.529



2, 25.821, 298.873

Inverse Universe

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



72, 27.295, 332.902



83, 38.374, 333.256



81, 29.102, 135.175



41, 6.580, 331.963



38, 71.288, 339.583



5, 26.157, 336.850

Previews

White Background



This preview shows how the CIELCh color 69, 27.304, 300.682 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, 27.304, 300.682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

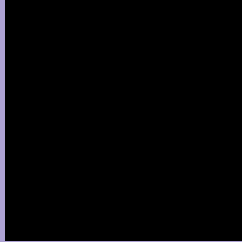
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 27.304, 300.682

Background



This preview shows how black text looks on a background with the CIELCh color 69, 27.304, 300.682.



This preview shows how white text looks on a background with the CIELCh color 69, 27.304, 300.682.

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, 27.304, 300.682

Protanopia

69, 25.958, 284.734

Deuteranopia

69, 24.741, 291.076



Tritanopia
69, 7.699, 290.961

Trichromacy



Original Color
69, 27.304, 300.682

Protanomaly
69, 26.387, 290.623

Deuteranomaly
69, 25.351, 294.968

Tritanomaly
69, 14.955, 297.123

Monochromacy



Original Color
69, 27.304, 300.682

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 9.468, 299.952

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 27.304, 300.682 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(173, 162, 211)` looks like.

```
.text, #text, p{  
    color:rgb(173, 162, 211)  
}
```

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(173, 162, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 162, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 27.304, 300.682 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(173, 162, 211) }
```

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

```
.border{ border-color:rgb(173, 162, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 162, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 162, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 162, 211);  
box-shadow:4px 4px 4px 4px rgb(173, 162,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 27.304, 300.682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 162, 211) }
```

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

```
.background{ background-color: rgb(173,  
162, 211) }
```

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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