

Converting Colors

CIELCh(69, 17.823, 310.245)

Have a look what the booklet for
CIELCh(69, 17.823, 310.245)
contains.

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Color

CIELCh(69, 18.086, 310.347)

Conversions

Conversions Part 1

Format	Color
Hex	B2A2C1
RGB	178, 162, 193
RGB Percent	70%, 64%, 76%
CMY	0.3005, 0.3633, 0.2417
CMYK	0.08, 0.16, 0.00, 0.24
HSL	271°, 20%, 70%
HSV	271°, 16%, 76%
XYZ	41.0969, 39.3444, 56.0998
YIQ	170.3180, -0.4150, 13.0330

Conversions

Conversions Part 2

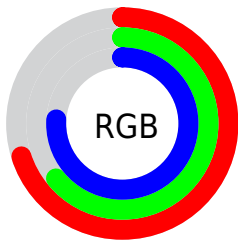
Format	Color
RYB	178, 162, 193
Decimal	11707073
CIELab	69.00, 11.71, -13.78
CIELCh	69, 18.086, 310.347
Yxy	39.3444, 0.3010, 0.2882
Android (android.graphics.Color)	4289897153 (0xFFB2A2C1)
YUV	170.3180, 11.1822, 6.7371
Hunter-Lab	62.7251, 7.1825, -9.1199

Details

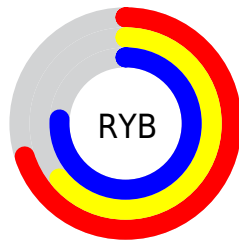
The CIELCh color $69, 18.086, 310.347$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $76, 17.709, 128.925$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 17.779, 310.717$, and $49, 18.078, 310.595$ is the 20% darker color. If you saturate the color by 10%, you get $63, 29.738, 310.846$, and if you desaturate by 10%, it is $75, 6.716, 309.872$.

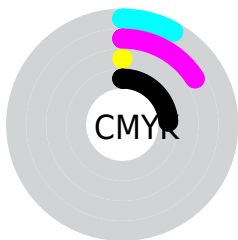
Distribution



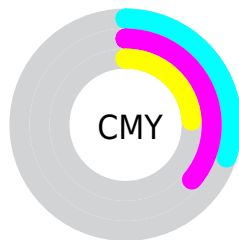
- Red (70%)
- Green (64%)
- Blue (76%)



- Red (70%)
- Yellow (64%)
- Blue (76%)



- Cyan (8%)
- Magenta (16%)
- Yellow (0%)
- Black (24%)



- Cyan (30%)
- Magenta (36%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 18.086, 310.347 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, 18.086, 310.347 by changing the saturation by 10% instead.

■ 69, 18.086,
310.347

■ 69, 18.086,
310.347

■ 100, 18.086,
310.347

■ 59, 18.086,
310.347

■ 89, 18.086,
310.347

■ 49, 18.086,
310.347

■ 99, 18.086,
310.347

■ 39, 18.086,
310.347

■ 29, 18.086,
310.347

■ 19, 18.086,
310.347

■ 9, 18.086, 310.347

■ 0, 18.086, 310.347

69, 18.086,
310.347

69, 18.086,
310.347

63, 29.738,
310.846

75, 6.716, 309.872

58, 41.601,
311.368

80, 4.330, 129.496

52, 53.524,
311.889

86, 15.041,
129.097

47, 65.250,
312.374

92, 25.420,
128.757

42, 76.364,
312.763

97, 33.132,
127.384

38, 86.253,
312.975

97, 32.068,
121.669


34, 94.143,
312.903


98, 31.357,
115.516

32, 99.349,

99, 31.045,
109.060

312.450

 99, 31.034,
107.817

 31, 101.020,
312.234

Harmonies

Complementary

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



69, 18.086, 310.347



76, 17.709, 128.925

Rectangle

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



69, 18.086, 310.347



69, 18.086, 0.347



69, 18.086, 130.347



69, 18.086, 180.347

Sweetspot

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



69, 18.084, 310.346



96, 6.900, 309.827



72, 9.936, 257.647



51, 4.750, 309.861



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, 18.084, 310.346



86, 26.721, 310.506



70, 20.465, 325.302



38, 6.347, 310.028



25, 87.928, 312.390



2, 20.272, 305.925

Inverse Universe

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



70, 14.334, 345.899



87, 21.158, 346.219



75, 20.446, 143.463



38, 5.037, 345.269



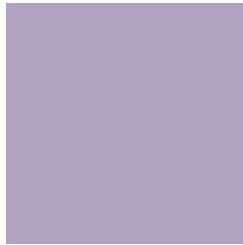
34, 59.899, 3.021



3, 15.694, 353.298

Previews

White Background



This preview shows how the CIELCh color 69, 18.086, 310.347 looks on a white background.

Color Contrast Check

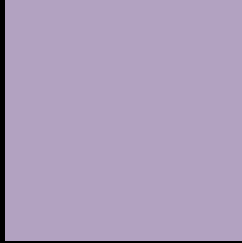
Large Text (above 18pt) WCAG AA × Fail

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, 18.086, 310.347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

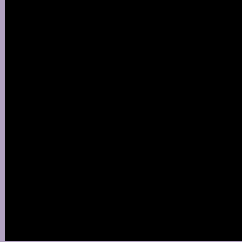
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 18.086, 310.347

Background



This preview shows how black text looks on a background with the CIELCh color 69, 18.086, 310.347.



This preview shows how white text looks on a background with the CIELCh color 69, 18.086, 310.347.

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, 18.086, 310.347

Protanopia

69, 15.968, 286.759

Deuteranopia

69, 16.335, 303.091



Tritanopia
69, 8.278, 320.479

Trichromacy



Original Color
69, 18.086, 310.347

Protanomaly
69, 16.595, 296.704

Deuteranomaly
69, 17.132, 306.305

Tritanomaly
69, 12.047, 314.565

Monochromacy



Original Color
69, 18.086, 310.347

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 6.463, 310.880

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 18.086, 310.347 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(178, 162, 193)` looks like.

```
.text, #text, p{  
    color:rgb(178, 162, 193)  
}
```

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(178, 162, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 162, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 18.086, 310.347 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(178, 162, 193) }
```

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

```
.border{ border-color:rgb(178, 162, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 162, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 162, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 162, 193);  
box-shadow:4px 4px 4px 4px rgb(178, 162,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 18.086, 310.347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 162, 193) }
```

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

```
.background{ background-color: rgb(178,  
162, 193) }
```

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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