

Converting Colors

CIELCh(69, 23.584, 297.221)

Have a look what the booklet for
CIELCh(69, 23.584, 297.221)
contains.

CIELCh(69, 23.209, 296.694)	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, 23.209, 296.694)

Conversions

Conversions Part 1

Format	Color
Hex	A9A4CE
RGB	169, 164, 206
RGB Percent	66%, 64%, 81%
CMY	0.3380, 0.3576, 0.1929
CMYK	0.18, 0.20, 0.00, 0.19
HSL	247°, 30%, 72%
HSV	247°, 20%, 81%
XYZ	40.6799, 39.3444, 63.7173
YIQ	170.2830, -10.5020, 14.1220

Conversions

Conversions Part 2

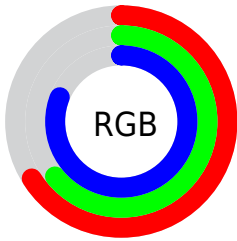
Format	Color
R_{YB}	169, 164, 206
Decimal	11117774
CIE _{Lab}	69.00, 10.43, -20.74
CIE _{LCh}	69, 23.209, 296.694
Yxy	39.3444, 0.2830, 0.2737
Android (android.graphics.Color)	4289307854 (0xFFA9A4CE)
YUV	170.2830, 17.6085, -1.1252
Hunter-Lab	62.7251, 5.9959, -16.3203

Details

The CIELCh color $69, 23.209, 296.694$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $81, 22.163, 113.246$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 18.939, 297.828$, and $49, 23.619, 296.625$ is the 20% darker color. If you saturate the color by 10%, you get $62, 35.288, 297.824$, and if you desaturate by 10%, it is $76, 11.602, 295.718$.

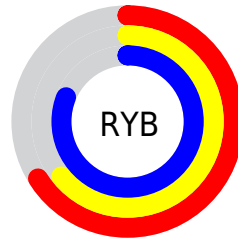
Distribution



Red (66%)

Green (64%)

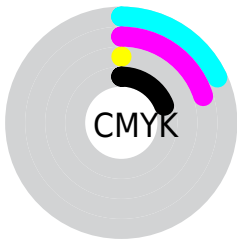
Blue (81%)



Red (66%)

Yellow (64%)

Blue (81%)

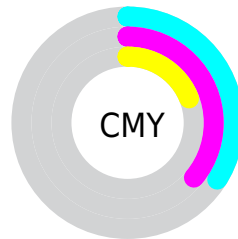


Cyan (18%)

Magenta (20%)

Yellow (0%)

Black (19%)



Cyan (34%)

Magenta (36%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 23.209, 296.694 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, 23.209, 296.694 by changing the saturation by 10% instead.

■ 69, 23.209,
296.694

■ 69, 23.209,
296.694

■ 100, 23.209,
296.694

■ 59, 23.209,
296.694

■ 89, 23.209,
296.694

■ 49, 23.209,
296.694

■ 99, 23.209,
296.694

■ 39, 23.209,
296.694

■ 29, 23.209,
296.694

■ 19, 23.209,
296.694

■ 9, 23.209, 296.694

■ 0, 23.209, 296.694

69, 23.209,
296.694

69, 23.209,
296.694

62, 35.288,
297.824

76, 11.602,
295.718

56, 47.845,
299.121

82, 0.449, 294.924

49, 60.823,
300.580

89, 10.280,
114.163

43, 74.035,
302.161

96, 20.613,
113.551

37, 87.008,
303.761

99, 24.832,
108.294

32, 98.781,
305.194

28, 107.828,
306.196

26, 113.139,

Harmonies

Complementary

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



69, 23.209, 296.694



81, 22.163, 113.246

Rectangle

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



69, 23.209, 296.694



69, 23.209, 346.694



69, 23.209, 116.694



69, 23.209, 166.694

Sweetspot

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



69, 23.207, 296.693



95, 7.901, 295.342



78, 12.953, 210.255



50, 5.247, 295.398



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, 23.207, 296.693



81, 32.743, 297.114



71, 24.841, 313.906



39, 6.270, 295.628



20, 96.217, 306.746



2, 23.622, 295.516

Inverse Universe

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



72, 25.279, 329.045



85, 35.398, 329.280



80, 24.338, 132.142



40, 6.946, 328.377



38, 76.314, 333.567



5, 26.368, 331.775

Previews

White Background



This preview shows how the CIELCh color 69, 23.209, 296.694 looks on a white background.

Color Contrast Check

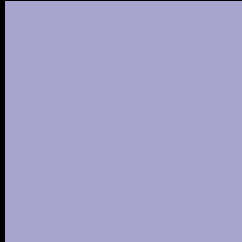
Large Text (above 18pt) WCAG AA × Fail

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 69, 23.209, 296.694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

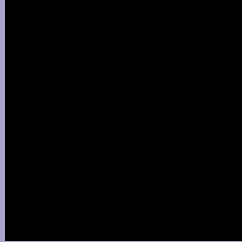
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 23.209, 296.694

Background



This preview shows how black text looks on a background with the CIELCh color 69, 23.209, 296.694.



This preview shows how white text looks on a background with the CIELCh color 69, 23.209, 296.694.

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

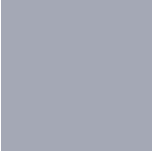
69, 23.209, 296.694

Protanopia

69, 22.610, 285.594

Deuteranopia

69, 22.560, 293.280



Tritanopia
69, 7.264, 279.361

Trichromacy



Original Color
69, 23.209, 296.694

Protanomaly
69, 22.533, 289.830

Deuteranomaly
69, 22.572, 294.145

Tritanomaly
69, 13.204, 291.507

Monochromacy



Original Color
69, 23.209, 296.694

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 8.282, 296.059

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 23.209, 296.694 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(169, 164, 206)` looks like.

```
.text, #text, p{  
    color:rgb(169, 164, 206)  
}
```

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(169, 164, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 164, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 23.209, 296.694 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(169, 164, 206) }
```

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

```
.border{ border-color:rgb(169, 164, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 164, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 164, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 164, 206);  
box-shadow:4px 4px 4px 4px rgb(169, 164,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 23.209, 296.694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 164, 206) }
```

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

```
.background{ background-color: rgb(169,  
164, 206) }
```

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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