

Converting Colors

CIELCh(69, 21.243, 307.614)

Have a look what the booklet for
CIELCh(69, 21.243, 307.614)
contains.

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Color

CIELCh(69, 21.220, 307.609)

Conversions

Conversions Part 1

Format	Color
Hex	B2A2C7
RGB	178, 162, 199
RGB Percent	70%, 64%, 78%
CMY	0.3026, 0.3653, 0.2203
CMYK	0.11, 0.19, 0.00, 0.22
HSL	266°, 25%, 71%
HSV	266°, 19%, 78%
XYZ	41.5028, 39.3444, 59.3368
YIQ	171.0020, -2.3410, 14.8990

Conversions

Conversions Part 2

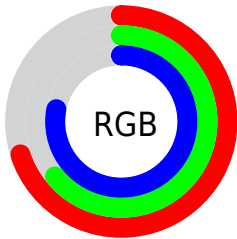
Format	Color
R_{YB}	178, 162, 199
Decimal	11707079
CIE _{Lab}	69.00, 12.95, -16.81
CIE _{LCh}	69, 21.220, 307.609
Yxy	39.3444, 0.2961, 0.2807
Android (android.graphics.Color)	4289897159 (0xFFB2A2C7)
YUV	171.0020, 13.8030, 6.1372
Hunter-Lab	62.7251, 8.3377, -12.1796

Details

The CIELCh color `69, 21.220, 307.609` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `78, 20.611, 125.784`, and the grayscale version is `70, 0.009, 296.813`.

A 20% lighter version of the original color is `89, 20.745, 307.939`, and `49, 21.426, 307.760` is the 20% darker color. If you saturate the color by 10%, you get `63, 33.097, 308.188`, and if you desaturate by 10%, it is `75, 9.666, 307.074`.

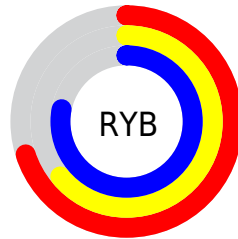
Distribution



Red (70%)

Green (64%)

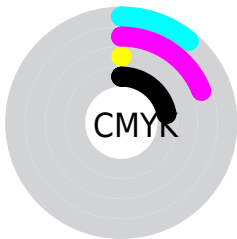
Blue (78%)



Red (70%)

Yellow (64%)

Blue (78%)

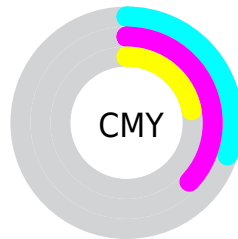


Cyan (11%)

Magenta (19%)

Yellow (0%)

Black (22%)



Cyan (30%)

Magenta (37%)

Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 21.220, 307.609 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, 21.220, 307.609 by changing the saturation by 10% instead.

 69, 21.220,
307.609

 69, 21.220,
307.609


 100, 21.220,
307.609


 59, 21.220,
307.609

 89, 21.220,
307.609

 49, 21.220,
307.609

 99, 21.220,
307.609

 39, 21.220,
307.609

 29, 21.220,
307.609

 19, 21.220,
307.609

 9, 21.220, 307.609

 0, 21.220, 307.609

69, 21.220,
307.609

69, 21.220,
307.609

63, 33.097,
308.188

75, 9.666, 307.074

57, 45.234,
308.807

81, 1.532, 126.671

51, 57.484,
309.442

87, 12.371,
126.196

46, 69.583,
310.050

93, 22.858,
125.822

41, 81.072,
310.564

97, 29.454,
123.211

36, 91.248,
310.882

98, 28.573,
115.156

33, 99.199,
310.873

99, 28.317,
108.026

30, 104.370,

310.469

■ 30, 105.027,
310.415

Harmonies

Complementary

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



69, 21.220, 307.609



78, 20.611, 125.784

Rectangle

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



69, 21.220, 307.609



69, 21.220, 357.609



69, 21.220, 127.609



69, 21.220, 177.609

Sweetspot

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



69, 21.218, 307.608



96, 8.219, 306.945



73, 11.068, 248.278



50, 5.457, 306.979



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, 21.218, 307.608



84, 30.877, 307.819



71, 23.722, 323.088



39, 6.380, 307.114



24, 90.556, 310.573



2, 22.126, 303.571

Inverse Universe

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



70, 18.014, 341.665



86, 26.132, 342.002



77, 23.632, 141.141



39, 5.448, 340.867



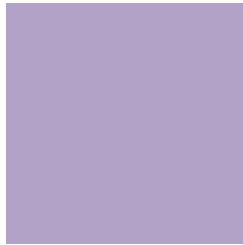
35, 61.864, 355.385



4, 18.602, 348.810

Previews

White Background



This preview shows how the CIELCh color 69, 21.220, 307.609 looks on a white background.

Color Contrast Check

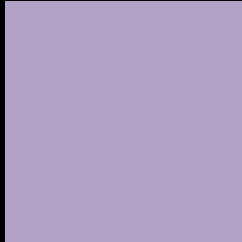
Large Text (above 18pt) WCAG AA × Fail

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, 21.220, 307.609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

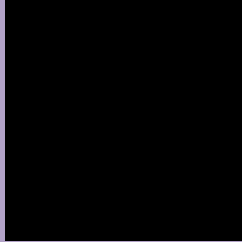
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 21.220, 307.609

Background



This preview shows how black text looks on a background with the CIELCh color 69, 21.220, 307.609.



This preview shows how white text looks on a background with the CIELCh color 69, 21.220, 307.609.

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, 21.220, 307.609

Protanopia

69, 19.290, 285.984

Deuteranopia

69, 18.876, 298.435



Tritanopia
69, 8.099, 318.171

Trichromacy



Original Color
69, 21.220, 307.609

Protanomaly
69, 19.833, 294.150

Deuteranomaly
69, 19.654, 302.396

Tritanomaly
69, 12.928, 311.140

Monochromacy



Original Color
69, 21.220, 307.609

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 7.396, 305.293

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 21.220, 307.609 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(178, 162, 199)  
}
```

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, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 162, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 21.220, 307.609 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, 199) }
```

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

```
.border{ border-color:rgb(178, 162, 199) }
```

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, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 162, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 162, 199);  
box-shadow:4px 4px 4px 4px rgb(178, 162,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 21.220, 307.609 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, 199) }
```

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

```
.background{ background-color: rgb(178,  
162, 199) }
```

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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