

Converting Colors

CIELCh(67, 22.104, 295.452)

Have a look what the booklet for
CIELCh(67, 22.104, 295.452)
contains.

CIELCh(67, 22.190, 295.094)	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(67, 22.190, 295.094)

Conversions

Conversions Part 1

Format	Color
Hex	A29FC7
RGB	162, 159, 199
RGB Percent	64%, 62%, 78%
CMY	0.3645, 0.3762, 0.2193
CMYK	0.19, 0.20, 0.00, 0.22
HSL	244°, 26%, 70%
HSV	244°, 20%, 78%
XYZ	37.6381, 36.6320, 59.1592
YIQ	164.4570, -11.0520, 13.0760

Conversions

Conversions Part 2

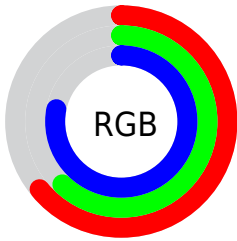
Format	Color
RYB	162, 159, 199
Decimal	10657735
CIELab	67.00, 9.41, -20.10
CIElCh	67, 22.190, 295.094
Yxy	36.6320, 0.2821, 0.2745
Android (android.graphics.Color)	4288847815 (0xFFA29FC7)
YUV	164.4570, 17.0297, -2.1548
Hunter-Lab	60.5244, 5.0858, -15.5857

Details

The CIELCh color `67, 22.190, 295.094` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `79, 21.192, 111.425`, and the grayscale version is `68, 0.008, 296.813`.

A 20% lighter version of the original color is `87, 21.540, 294.609`, and `47, 21.963, 294.943` is the 20% darker color. If you saturate the color by 10%, you get `60, 33.921, 296.323`, and if you desaturate by 10%, it is `74, 10.927, 294.039`.

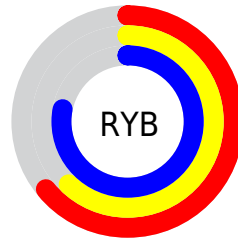
Distribution



Red (64%)

Green (62%)

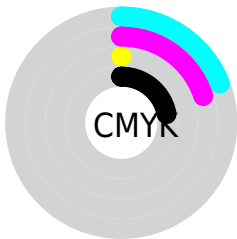
Blue (78%)



Red (64%)

Yellow (62%)

Blue (78%)

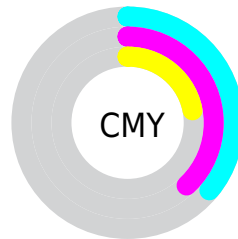


Cyan (19%)

Magenta (20%)

Yellow (0%)

Black (22%)



Cyan (36%)


Magenta (38%)


Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 22.190, 295.094 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 67, 22.190, 295.094 by changing the saturation by 10% instead.

 67, 22.190,
295.094


 67, 22.190,
295.094


 100, 22.190,
295.094


 57, 22.190,
295.094


 87, 22.190,
295.094

 47, 22.190,
295.094


 97, 22.190,
295.094

 37, 22.190,
295.094

 27, 22.190,
295.094

 17, 22.190,
295.094

 7, 22.190, 295.094

 0, 22.190, 295.094

67, 22.190,
295.094

67, 22.190,
295.094

60, 33.921,
296.323

74, 10.927,
294.039

54, 46.137,
297.745

80, 0.110, 293.461

47, 58.797,
299.357

87, 10.295,
112.363

41, 71.739,
301.123

93, 20.315,
111.708

35, 84.523,
302.938

99, 28.204,
108.700

30, 96.205,
304.599

99, 28.200,
108.035

27, 105.239,
305.818

24, 110.669,

306.498

Harmonies

Complementary

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



67, 22.190, 295.094



79, 21.192, 111.425

Rectangle

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



67, 22.190, 295.094



67, 22.190, 345.094



67, 22.190, 115.094



67, 22.190, 165.094

Sweetspot

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



67, 22.188, 295.093



95, 7.883, 293.664



77, 12.983, 204.846



50, 5.235, 293.724



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 22.188, 295.093



81, 32.685, 295.594



69, 23.557, 312.241



38, 6.126, 293.971



19, 95.423, 306.547



1, 21.547, 293.725

Inverse Universe

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



70, 24.977, 327.659



85, 36.483, 327.905



78, 23.018, 130.482



39, 7.014, 327.034



38, 78.074, 331.429



4, 25.072, 329.610

Previews

White Background



This preview shows how the CIELCh color 67, 22.190, 295.094 looks on a white background.

Color Contrast Check

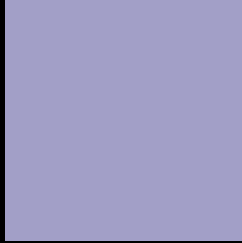
Large Text (above 18pt) WCAG AA × Fail

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 67, 22.190, 295.094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

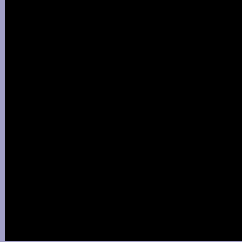
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 22.190, 295.094

Background



This preview shows how black text looks on a background with the CIELCh color 67, 22.190, 295.094.



This preview shows how white text looks on a background with the CIELCh color 67, 22.190, 295.094.

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

67, 22.190, 295.094

Protanopia

67, 22.183, 286.309

Deuteranopia

67, 22.172, 294.206



Tritanopia
67, 7.377, 276.622

Trichromacy



Original Color
67, 22.190, 295.094

Protanomaly
67, 22.133, 289.789

Deuteranomaly
67, 22.172, 294.206

Tritanomaly
67, 12.188, 286.385

Monochromacy



Original Color
67, 22.190, 295.094

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 7.747, 293.690

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 22.190, 295.094 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(162, 159, 199)` looks like.

```
.text, #text, p{  
    color:rgb(162, 159, 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(162, 159, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 159, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 22.190, 295.094 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(162, 159, 199) }
```

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

```
.border{ border-color:rgb(162, 159, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 159, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 159, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 159, 199);  
box-shadow:4px 4px 4px 4px rgb(162, 159,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 22.190, 295.094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 159, 199) }
```

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

```
.background{ background-color: rgb(162,  
159, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor