

Converting Colors

CIELCh(67, 21.742, 292.399)

Have a look what the booklet for
CIELCh(67, 21.742, 292.399)
contains.

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Color

CIELCh(67, 21.576, 292.371)

Conversions

Conversions Part 1

Format	Color
Hex	A0A0C7
RGB	160, 160, 199
RGB Percent	63%, 63%, 78%
CMY	0.3734, 0.3734, 0.2205
CMYK	0.20, 0.20, 0.00, 0.22
HSL	240°, 26%, 70%
HSV	240°, 20%, 78%
XYZ	37.2706, 36.6320, 59.0034
YIQ	164.4460, -12.5190, 12.1290

Conversions

Conversions Part 2

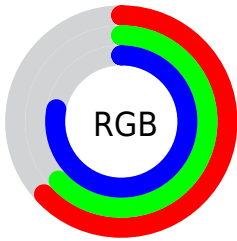
Format	Color
R_{YB}	160, 160, 199
Decimal	10526919
CIE _{Lab}	67.00, 8.21, -19.95
CIE _{LCh}	67, 21.576, 292.371
Yxy	36.6320, 0.2804, 0.2756
Android (android.graphics.Color)	4288716999 (0xFFA0A0C7)
YUV	164.4460, 17.0351, -3.8991
Hunter-Lab	60.5244, 4.0019, -15.4331

Details

The CIELCh color $67, 21.576, 292.371$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $79, 20.624, 108.286$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 20.962, 291.905$, and $47, 21.318, 292.053$ is the 20% darker color. If you saturate the color by 10%, you get $60, 33.263, 293.789$, and if you desaturate by 10%, it is $74, 10.366, 291.166$.

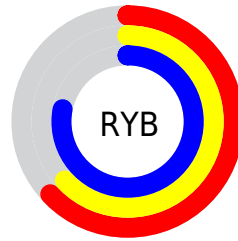
Distribution



Red (63%)

Green (63%)

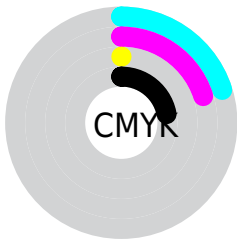
Blue (78%)



Red (63%)

Yellow (63%)

Blue (78%)

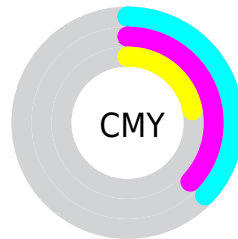


Cyan (20%)

Magenta (20%)

Yellow (0%)

Black (22%)



Cyan (37%)

Magenta (37%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 21.576, 292.371 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, 21.576, 292.371 by changing the saturation by 10% instead.

■ 67, 21.576,
292.371

■ 67, 21.576,
292.371

■ 100, 21.576,
292.371

■ 57, 21.576,
292.371

■ 87, 21.576,
292.371

■ 47, 21.576,
292.371

■ 97, 21.576,
292.371

■ 37, 21.576,
292.371

■ 27, 21.576,
292.371

■ 17, 21.576,
292.371

■ 7, 21.576, 292.371

■ 0, 21.576, 292.371

67, 21.576,
292.371

67, 21.576,
292.371

60, 33.263,
293.789

74, 10.366,
291.166

54, 45.458,
295.449

80, 0.396, 109.976

47, 58.143,
297.357

87, 10.746,
109.263

41, 71.186,
299.475

94, 20.716,
108.527

35, 84.162,
301.686

99, 28.344,
108.024

30, 96.092,
303.752

26, 105.307,
305.335

24, 110.737,

306.254

■ 24, 110.927,
306.286

Harmonies

Complementary

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



67, 21.576, 292.371



79, 20.624, 108.286

Rectangle

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



67, 21.576, 292.371



67, 21.576, 342.371



67, 21.576, 112.371



67, 21.576, 162.371

Sweetspot

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



67, 21.574, 292.370



95, 7.866, 290.790



77, 13.583, 196.936



50, 5.224, 290.858



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, 21.574, 292.370



80, 32.631, 293.014



69, 22.596, 309.411



38, 6.114, 291.141



19, 95.823, 306.286



1, 21.508, 291.743

Inverse Universe

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



69, 15.399, 20.779



84, 23.487, 21.249



78, 21.980, 127.588



39, 4.279, 19.914



34, 74.640, 39.772



3, 15.885, 19.399

Previews

White Background



This preview shows how the CIELCh color 67, 21.576, 292.371 looks on a white background.

Color Contrast Check

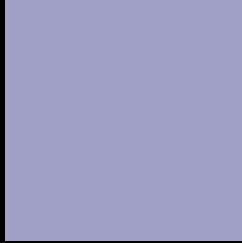
Large Text (above 18pt) WCAG AA × Fail

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, 21.576, 292.371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

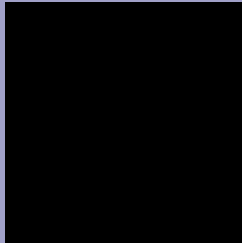
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 21.576, 292.371

Background



This preview shows how black text looks on a background with the CIELCh color 67, 21.576, 292.371.



This preview shows how white text looks on a background with the CIELCh color 67, 21.576, 292.371.

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

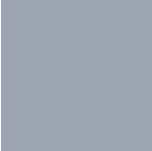
67, 21.576, 292.371

Protanopia

67, 21.636, 286.082

Deuteranopia

67, 22.172, 294.206



Tritanopia
67, 7.685, 268.746

Trichromacy



Original Color
67, 21.576, 292.371

Protanomaly
67, 21.588, 287.855

Deuteranomaly
67, 22.172, 294.206

Tritanomaly
67, 12.802, 283.513

Monochromacy



Original Color
67, 21.576, 292.371

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 8.294, 291.038

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 21.576, 292.371 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(160, 160, 199)` looks like.

```
.text, #text, p{  
    color:rgb(160, 160, 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(160, 160, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 160, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 21.576, 292.371 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(160, 160, 199) }
```

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

```
.border{ border-color:rgb(160, 160, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 160, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 160, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 160, 199);  
box-shadow:4px 4px 4px 4px rgb(160, 160,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 21.576, 292.371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 160, 199) }
```

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

```
.background{ background-color: rgb(160,  
160, 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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