

Converting Colors

CIELCh(67, 22.047, 288.197)

Have a look what the booklet for
CIELCh(67, 22.047, 288.197)
contains.

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Color

CIELCh(67, 22.136, 288.033)

Conversions

Conversions Part 1

Format	Color
Hex	9CA1C9
RGB	156, 161, 201
RGB Percent	61%, 63%, 79%
CMY	0.3894, 0.3697, 0.2129
CMYK	0.22, 0.20, 0.00, 0.21
HSL	233°, 29%, 70%
HSV	233°, 22%, 79%
XYZ	36.8569, 36.6320, 60.2018
YIQ	164.0650, -15.8200, 11.3800

Conversions

Conversions Part 2

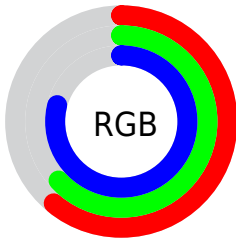
Format	Color
R_{YB}	156, 161, 201
Decimal	10265033
CIE _{Lab}	67.00, 6.85, -21.05
CIE _{LCh}	67, 22.136, 288.033
Yxy	36.6320, 0.2757, 0.2740
Android (android.graphics.Color)	4288455113 (0xFF9CA1C9)
YUV	164.0650, 18.2090, -7.0730
Hunter-Lab	60.5244, 2.7816, -16.6070

Details

The CIELCh color `67, 22.136, 288.033` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `79, 21.290, 102.869`, and the grayscale version is `67, 0.008, 296.813`.

A 20% lighter version of the original color is `87, 20.459, 287.221`, and `47, 21.934, 287.610` is the 20% darker color. If you saturate the color by 10%, you get `61, 32.606, 289.623`, and if you desaturate by 10%, it is `73, 12.046, 286.677`.

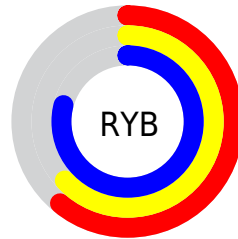
Distribution



Red (61%)

Green (63%)

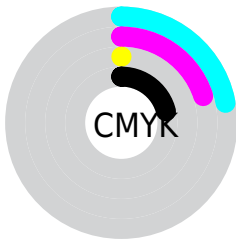
Blue (79%)



Red (61%)

Yellow (63%)

Blue (79%)

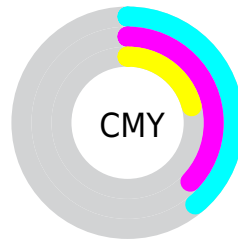


Cyan (22%)

Magenta (20%)

Yellow (0%)

Black (21%)



Cyan (39%)


Magenta (37%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 22.136, 288.033 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, 22.136, 288.033 by changing the saturation by 10% instead.

 67, 22.136,
288.033


 67, 22.136,
288.033


 100, 22.136,
288.033


 57, 22.136,
288.033


 87, 22.136,
288.033

 47, 22.136,
288.033


 97, 22.136,
288.033

 37, 22.136,
288.033

 27, 22.136,
288.033

 17, 22.136,
288.033

 7, 22.136, 288.033

 0, 22.136, 288.033

67, 22.136,
288.033

67, 22.136,
288.033

61, 32.606,
289.623

73, 12.046,
286.677

55, 43.491,
291.480

79, 2.311, 285.556

86, 7.099, 104.500

49, 54.806,
293.621

92, 16.204,
103.656

43, 66.509,
296.027

98, 24.993,
103.843

37, 78.403,
298.616

99, 27.384,
108.098

32, 89.957,
301.204

28, 100.123,
303.513

26, 106.081,

304.842

Harmonies

Complementary

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



67, 22.136, 288.033



79, 21.290, 102.869

Rectangle

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



67, 22.136, 288.033



67, 22.136, 338.033



67, 22.136, 108.033



67, 22.136, 158.033

Sweetspot

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



67, 22.135, 288.032



95, 8.178, 286.045



78, 15.976, 188.032



50, 5.319, 286.114



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, 22.135, 288.032



80, 32.677, 288.790



67, 25.720, 306.139



39, 5.435, 286.308



20, 90.151, 304.581



2, 19.834, 288.760

Inverse Universe

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



68, 17.907, 12.370



82, 26.585, 12.999



79, 24.749, 123.749



39, 4.317, 10.962



34, 70.171, 34.797



3, 15.987, 13.657

Previews

White Background



This preview shows how the CIELCh color 67, 22.136, 288.033 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, 22.136, 288.033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

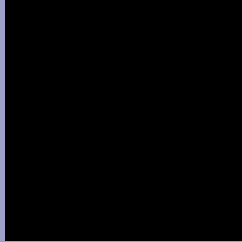
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 22.136, 288.033

Background



This preview shows how black text looks on a background with the CIELCh color 67, 22.136, 288.033.



This preview shows how white text looks on a background with the CIELCh color 67, 22.136, 288.033.

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

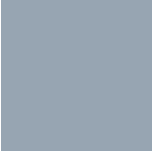
67, 22.136, 288.033

Protanopia

67, 22.183, 286.309

Deuteranopia

67, 22.675, 291.621



Tritanopia
67, 8.658, 255.439

Trichromacy



Original Color
67, 22.136, 288.033

Protanomaly
67, 22.157, 287.169

Deuteranomaly
67, 22.677, 290.766

Tritanomaly
67, 13.104, 275.895

Monochromacy



Original Color
67, 22.136, 288.033

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 7.756, 285.577

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 22.136, 288.033 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(156, 161, 201)` looks like.

```
.text, #text, p{  
    color:rgb(156, 161, 201)  
}
```

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(156, 161, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 161, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 22.136, 288.033 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(156, 161, 201) }
```

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

```
.border{ border-color:rgb(156, 161, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 161, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 161, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 161, 201);  
box-shadow:4px 4px 4px 4px rgb(156, 161,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 22.136, 288.033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 161, 201) }
```

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

```
.background{ background-color: rgb(156,  
161, 201) }
```

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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