

Converting Colors

CIELCh(67, 26.664, 277.579)

Have a look what the booklet for
CIELCh(67, 26.664, 277.579)
contains.

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Color

CIELCh(67, 26.657, 277.421)

Conversions

Conversions Part 1

Format	Color
Hex	8DA3D2
RGB	141, 163, 210
RGB Percent	55%, 64%, 82%
CMY	0.4461, 0.3598, 0.1755
CMYK	0.33, 0.22, 0.00, 0.18
HSL	221°, 44%, 69%
HSV	221°, 33%, 82%
XYZ	35.8325, 36.6320, 66.3231
YIQ	161.7800, -28.1990, 9.9530

Conversions

Conversions Part 2

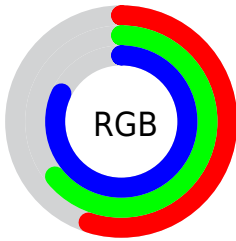
Format	Color
R _{YB}	141, 158, 210
Decimal	9282514
CIE _{Lab}	67.00, 3.44, -26.43
CIE _{LCh}	67, 26.657, 277.421
Yxy	36.6320, 0.2582, 0.2639
Android (android.graphics.Color)	4287472594 (0xFF8DA3D2)
YUV	161.7800, 23.7725, -18.2241
Hunter-Lab	60.5244, -0.2394, -22.6034

Details

The CIELCh color `67, 26.657, 277.421` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `77, 26.683, 88.064`, and the grayscale version is `67, 0.008, 296.813`.

A 20% lighter version of the original color is `87, 20.452, 271.320`, and `47, 26.236, 276.425` is the 20% darker color. If you saturate the color by 10%, you get `62, 35.107, 279.582`, and if you desaturate by 10%, it is `72, 18.369, 275.573`.

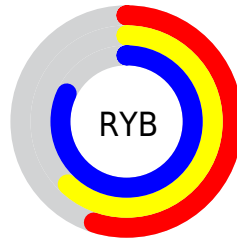
Distribution



Red (55%)

Green (64%)

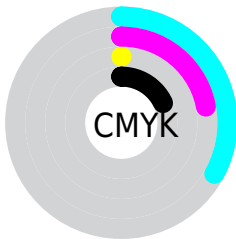
Blue (82%)



Red (55%)

Yellow (62%)

Blue (82%)

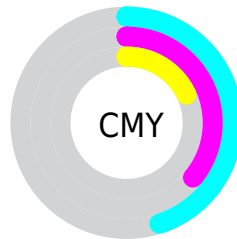


Cyan (33%)

Magenta (22%)

Yellow (0%)

Black (18%)



Cyan (45%)

Magenta (36%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 26.657, 277.421 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, 26.657, 277.421 by changing the saturation by 10% instead.

■ 67, 26.657,
277.421

■ 67, 26.657,
277.421

■ 100, 26.657,
277.421

■ 57, 26.657,
277.421

■ 87, 26.657,
277.421

■ 47, 26.657,
277.421

■ 97, 26.657,
277.421

■ 37, 26.657,
277.421

■ 27, 26.657,
277.421

■ 17, 26.657,
277.421

■ 7, 26.657, 277.421

■ 0, 26.657, 277.421

67, 26.657,
277.421

67, 26.657,
277.421

62, 35.107,
279.582

72, 18.369,
275.573

57, 43.748,
282.095

78, 10.232,
273.999

52, 52.614,
284.979

83, 2.238, 272.725

47, 61.735,
288.210

88, 5.616, 91.406

93, 13.332, 90.416

42, 71.100,
291.701

98, 19.868,
102.393

38, 80.580,
295.278

99, 22.599,
108.465

35, 87.300,
297.701

Harmonies

Complementary

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



67, 26.657, 277.421



77, 26.683, 88.064

Rectangle

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



67, 26.657, 277.421



67, 26.657, 327.421



67, 26.657, 97.421



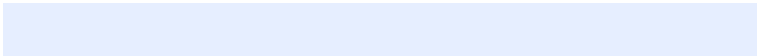
67, 26.657, 147.421

Sweetspot

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



67, 26.656, 277.420



94, 9.314, 273.617



79, 27.050, 170.407



49, 6.362, 273.815



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, 26.656, 277.420



76, 37.272, 278.812



62, 39.037, 299.681



41, 4.496, 273.521



28, 72.781, 297.144



4, 19.983, 283.779

Inverse Universe

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



66, 29.302, 358.357



75, 40.949, 359.376



82, 36.165, 114.327



41, 4.858, 355.503



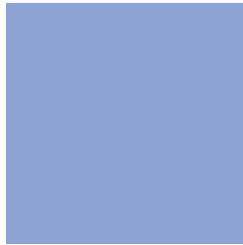
35, 63.566, 18.967



4, 20.569, 4.600

Previews

White Background



This preview shows how the CIELCh color 67, 26.657, 277.421 looks on a white background.

Color Contrast Check

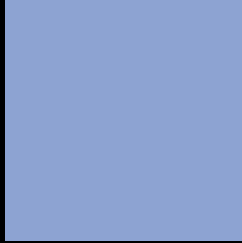
Large Text (above 18pt) WCAG AA × Fail

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, 26.657, 277.421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

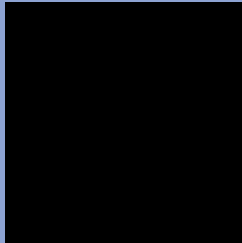
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 26.657, 277.421

Background



This preview shows how black text looks on a background with the CIELCh color 67, 26.657, 277.421.



This preview shows how white text looks on a background with the CIELCh color 67, 26.657, 277.421.

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

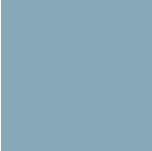
67, 26.657, 277.421

Protanopia

67, 26.670, 285.097

Deuteranopia

67, 28.230, 288.371



Tritanopia
67, 13.543, 233.670

Trichromacy



Original Color
67, 26.657, 277.421

Protanomaly
67, 26.268, 282.075

Deuteranomaly
67, 27.791, 284.902

Tritanomaly
67, 17.067, 256.727

Monochromacy



Original Color
67, 26.657, 277.421

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 10.301, 275.050

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 26.657, 277.421 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(141, 163, 210)` looks like.

```
.text, #text, p{  
    color:rgb(141, 163, 210)  
}
```

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(141, 163, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 163, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 26.657, 277.421 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(141, 163, 210) }
```

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

```
.border{ border-color:rgb(141, 163, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 163, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 163, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 163, 210);  
box-shadow:4px 4px 4px 4px rgb(141, 163,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 26.657, 277.421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 163, 210) }
```

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

```
.background{ background-color: rgb(141,  
163, 210) }
```

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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