

Converting Colors

CIELCh(66, 21.444, 284.958)

Have a look what the booklet for
CIELCh(66, 21.444, 284.958)
contains.

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Color

CIELCh(66, 21.169, 284.976)

Conversions

Conversions Part 1

Format	Color
Hex	979FC5
RGB	151, 159, 197
RGB Percent	59%, 62%, 77%
CMY	0.4085, 0.3771, 0.2281
CMYK	0.23, 0.19, 0.00, 0.23
HSL	230°, 28%, 68%
HSV	230°, 23%, 77%
XYZ	35.1574, 35.3238, 57.6822
YIQ	160.9400, -16.9660, 10.1220

Conversions

Conversions Part 2

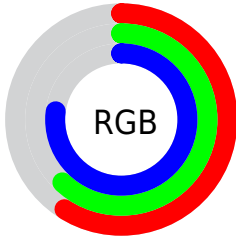
Format	Color
R_{YB}	151, 158, 197
Decimal	9936837
CIE Lab	66.00, 5.47, -20.45
CIE LCh	66, 21.169, 284.976
Yxy	35.3238, 0.2743, 0.2756
Android (android.graphics.Color)	4288126917 (0xFF979FC5)
YUV	160.9400, 17.7776, -8.7174
Hunter-Lab	59.4338, 1.5803, -15.9389

Details

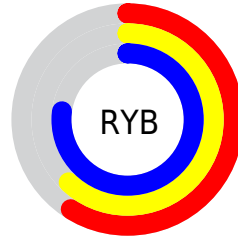
The CIELCh color `66, 21.169, 284.976` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `76, 20.528, 99.289`, and the grayscale version is `66, 0.008, 296.813`.

A 20% lighter version of the original color is `86, 21.094, 284.745`, and `46, 20.932, 284.364` is the 20% darker color. If you saturate the color by 10%, you get `60, 30.724, 286.656`, and if you desaturate by 10%, it is `72, 11.923, 283.540`.

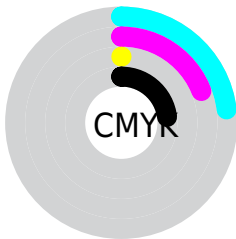
Distribution



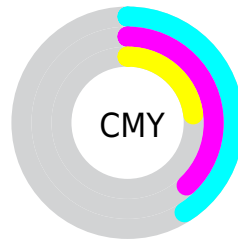
- Red (59%)
- Green (62%)
- Blue (77%)



- Red (59%)
- Yellow (62%)
- Blue (77%)



- Cyan (23%)
- Magenta (19%)
- Yellow (0%)
- Black (23%)



- Cyan (41%)
- Magenta (38%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 21.169, 284.976 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 66, 21.169, 284.976 by changing the saturation by 10% instead.

■ 66, 21.169,
284.976

■ 66, 21.169,
284.976

■ 100, 21.169,
284.976

■ 56, 21.169,
284.976

■ 86, 21.169,
284.976

■ 46, 21.169,
284.976

■ 96, 21.169,
284.976

■ 36, 21.169,
284.976

■ 26, 21.169,
284.976

■ 16, 21.169,
284.976

■ 6, 21.169, 284.976

■ 0, 21.169, 284.976

66, 21.169,
284.976

66, 21.169,
284.976

60, 30.724,
286.656

72, 11.923,
283.540

54, 40.622,
288.618

78, 2.965, 282.343

83, 5.726, 101.212

49, 50.886,
290.883

89, 14.168,
100.313

43, 61.514,
293.443

95, 22.373, 99.523

38, 72.411,
296.236

99, 29.318,
107.949

33, 83.268,
299.112

29, 93.405,
301.825

27, 99.256,

Harmonies

Complementary

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



66, 21.169, 284.976



76, 20.528, 99.289

Rectangle

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



66, 21.169, 284.976



66, 21.169, 334.976



66, 21.169, 104.976



66, 21.169, 154.976

Sweetspot

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



66, 21.168, 284.974



95, 7.636, 282.757



76, 16.871, 182.461



50, 4.965, 282.829



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 21.168, 284.974



80, 31.555, 285.793



65, 26.207, 303.894



39, 5.072, 283.031



22, 85.435, 303.014



2, 18.914, 286.845

Inverse Universe

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



67, 18.602, 7.642



81, 27.847, 8.318



77, 25.068, 121.116



39, 4.385, 6.043



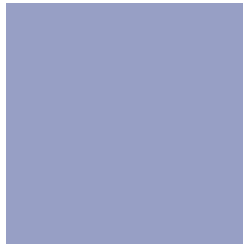
34, 67.362, 30.800



3, 16.114, 10.463

Previews

White Background



This preview shows how the CIELCh color 66, 21.169, 284.976 looks on a white background.

Color Contrast Check

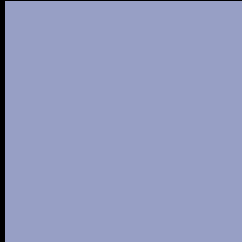
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 66, 21.169, 284.976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

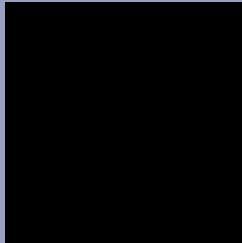
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

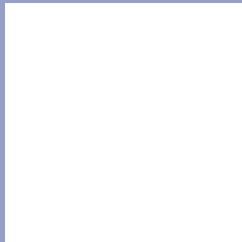
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 66, 21.169, 284.976

Background



This preview shows how black text looks on a background with the CIELCh color 66, 21.169, 284.976.



This preview shows how white text looks on a background with the CIELCh color 66, 21.169, 284.976.

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

66, 21.169, 284.976

Protanopia

66, 21.169, 284.976

Deuteranopia

66, 22.203, 292.462



Tritanopia
66, 9.081, 251.780

Trichromacy



Original Color
66, 21.169, 284.976

Protanomaly
66, 21.169, 284.976

Deuteranomaly
66, 21.632, 289.688

Tritanomaly
66, 13.419, 271.630

Monochromacy



Original Color
66, 21.169, 284.976

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 7.818, 282.929

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 21.169, 284.976 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(151, 159, 197)` looks like.

```
.text, #text, p{  
    color:rgb(151, 159, 197)  
}
```

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(151, 159, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 159, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 21.169, 284.976 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(151, 159, 197) }
```

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

```
.border{ border-color:rgb(151, 159, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 159, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 159, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 159, 197);  
box-shadow:4px 4px 4px 4px rgb(151, 159,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 21.169, 284.976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 159, 197) }
```

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

```
.background{ background-color: rgb(151,  
159, 197) }
```

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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