

Converting Colors

CIELCh(66, 26.042, 290.630)

Have a look what the booklet for
CIELCh(66, 26.042, 290.630)
contains.

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Color

CIELCh(66, 26.072, 290.647)

Conversions

Conversions Part 1

Format	Color
Hex	9A9DCC
RGB	154, 157, 204
RGB Percent	60%, 62%, 80%
CMY	0.3962, 0.3845, 0.2002
CMYK	0.25, 0.23, 0.00, 0.20
HSL	236°, 33%, 70%
HSV	236°, 25%, 80%
XYZ	36.2628, 35.3238, 62.0070
YIQ	161.4610, -16.8750, 13.9810

Conversions

Conversions Part 2

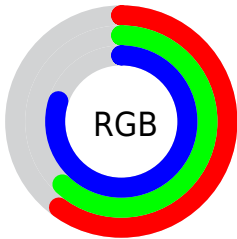
Format	Color
RYB	154, 157, 204
Decimal	10132940
CIELab	66.00, 9.19, -24.40
CIELCh	66, 26.072, 290.647
Yxy	35.3238, 0.2714, 0.2644
Android (android.graphics.Color)	4288323020 (0xFF9A9DCC)
YUV	161.4610, 20.9717, -6.5433
Hunter-Lab	59.4338, 4.9002, -20.2532

Details

The CIELCh color $66, 26.072, 290.647$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $80, 24.791, 105.168$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $86, 23.131, 290.473$, and $46, 26.158, 290.697$ is the 20% darker color. If you saturate the color by 10%, you get $59, 37.449, 292.240$, and if you desaturate by 10%, it is $73, 15.141, 289.289$.

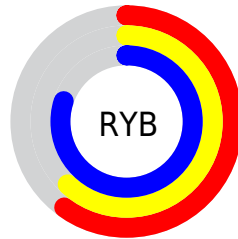
Distribution



Red (60%)

Green (62%)

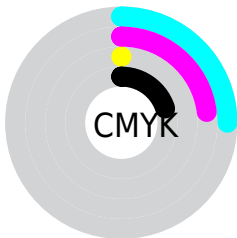
Blue (80%)



Red (60%)

Yellow (62%)

Blue (80%)

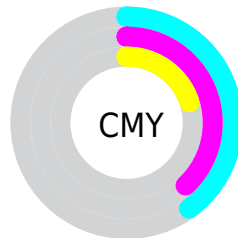


Cyan (25%)

Magenta (23%)

Yellow (0%)

Black (20%)



Cyan (40%)


Magenta (38%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 26.072, 290.647 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, 26.072, 290.647 by changing the saturation by 10% instead.

 66, 26.072,
290.647


 66, 26.072,
290.647


 100, 26.072,
290.647


 56, 26.072,
290.647


 86, 26.072,
290.647

 46, 26.072,
290.647

 96, 26.072,
290.647

 36, 26.072,
290.647

 26, 26.072,
290.647

 16, 26.072,
290.647

 6, 26.072, 290.647

 0, 26.072, 290.647

66, 26.072,
290.647

66, 26.072,
290.647

59, 37.449,
292.240

73, 15.141,
289.289

53, 49.301,
294.096

79, 4.628, 288.146

86, 5.503, 107.125

47, 61.611,
296.217

92, 15.279,
106.293

40, 74.245,
298.555

98, 24.712,
106.393

35, 86.782,
300.979

99, 25.756,
108.223

30, 98.279,
303.241

27, 107.194,
305.016

26, 110.474,

305.643

Harmonies

Complementary

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



66, 26.072, 290.647



80, 24.791, 105.168

Rectangle

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



66, 26.072, 290.647



66, 26.072, 340.647



66, 26.072, 110.647



66, 26.072, 160.647

Sweetspot

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



66, 26.071, 290.646



95, 8.638, 288.419



79, 17.283, 192.191



50, 5.619, 288.486



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, 26.071, 290.646



77, 37.331, 291.390



67, 28.797, 307.981



39, 5.864, 288.677



20, 94.093, 305.467



2, 22.544, 290.964

Inverse Universe

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



68, 19.935, 16.617



81, 28.730, 17.226



79, 27.703, 125.520



40, 4.377, 15.069



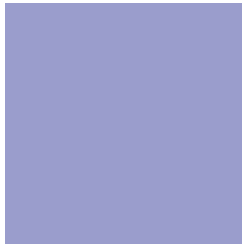
34, 73.147, 37.346



4, 17.947, 16.448

Previews

White Background



This preview shows how the CIELCh color 66, 26.072, 290.647 looks on a white background.

Color Contrast Check

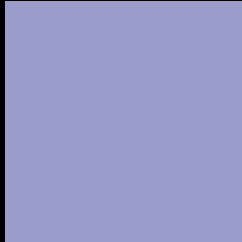
Large Text (above 18pt) WCAG AA × Fail

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 66, 26.072, 290.647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

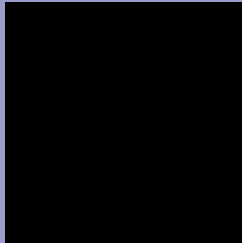
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 26.072, 290.647

Background



This preview shows how black text looks on a background with the CIELCh color 66, 26.072, 290.647.



This preview shows how white text looks on a background with the CIELCh color 66, 26.072, 290.647.

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

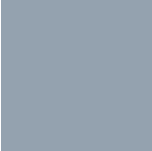
66, 26.072, 290.647

Protanopia

66, 26.180, 285.622

Deuteranopia

66, 26.080, 289.921



Tritanopia
66, 8.683, 255.475

Trichromacy



Original Color
66, 26.072, 290.647

Protanomaly
66, 26.122, 287.034

Deuteranomaly
66, 26.080, 289.921

Tritanomaly
66, 14.745, 277.947

Monochromacy



Original Color
66, 26.072, 290.647

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 9.436, 286.747

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 26.072, 290.647 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(154, 157, 204)` looks like.

```
.text, #text, p{  
    color:rgb(154, 157, 204)  
}
```

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(154, 157, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 157, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 26.072, 290.647 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(154, 157, 204) }
```

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

```
.border{ border-color:rgb(154, 157, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 157, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 157, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 157, 204);  
box-shadow:4px 4px 4px 4px rgb(154, 157,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 26.072, 290.647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 157, 204) }
```

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

```
.background{ background-color: rgb(154,  
157, 204) }
```

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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