

Converting Colors

CIELCh(66, 11.459, 292.058)

Have a look what the booklet for
CIELCh(66, 11.459, 292.058)
contains.

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Color

CIELCh(66, 11.093, 291.335)

Conversions

Conversions Part 1

Format	Color
Hex	9F9FB3
RGB	159, 159, 179
RGB Percent	62%, 62%, 70%
CMY	0.3773, 0.3772, 0.2988
CMYK	0.11, 0.11, 0.00, 0.30
HSL	240°, 12%, 66%
HSV	240°, 11%, 70%
XYZ	34.7375, 35.3238, 47.5259
YIQ	161.2800, -6.4200, 6.2200

Conversions

Conversions Part 2

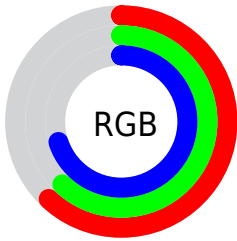
Format	Color
RYB	159, 159, 179
Decimal	10461107
CIELab	66.00, 4.04, -10.33
CIELCh	66, 11.093, 291.335
Yxy	35.3238, 0.2954, 0.3004
Android (android.graphics.Color)	4288651187 (0xFF9F9FB3)
YUV	161.2800, 8.7360, -1.9996
Hunter-Lab	59.4338, 0.3193, -5.8072

Details

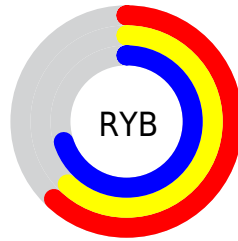
The CIELCh color **66, 11.093, 291.335** is a light color, and the websafe version is hex **999999**. A complement of this color would be **72, 10.813, 109.105**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 11.025, 291.106**, and **46, 10.703, 289.605** is the 20% darker color. If you saturate the color by 10%, you get **60, 21.435, 292.555**, and if you desaturate by 10%, it is **72, 1.159, 290.335**.

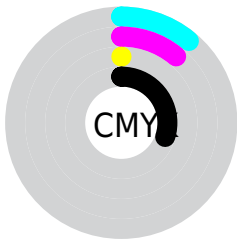
Distribution



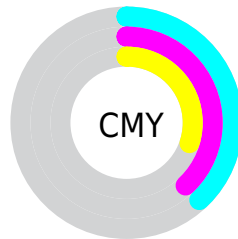
- Red (62%)
- Green (62%)
- Blue (70%)



- Red (62%)
- Yellow (62%)
- Blue (70%)



- Cyan (11%)
- Magenta (11%)
- Yellow (0%)
- Black (30%)



- Cyan (38%)
- Magenta (38%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 66, 11.093, 291.335 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, 11.093, 291.335 by changing the saturation by 10% instead.

■ 66, 11.093,
291.335

■ 66, 11.093,
291.335

■ 100, 11.093,
291.335

■ 56, 11.093,
291.335

■ 86, 11.093,
291.335

■ 46, 11.093,
291.335

■ 96, 11.093,
291.335

■ 36, 11.093,
291.335

■ 26, 11.093,
291.335

■ 16, 11.093,
291.335

■ 6, 11.093, 291.335

■ 0, 11.093, 291.335

66, 11.093,
291.335

66, 11.093,
291.335

60, 21.435,
292.555

72, 1.159, 290.335

54, 32.221,
293.996

78, 8.395, 109.393

47, 43.468,
295.676

84, 17.597,
108.643

41, 55.156,
297.599

90, 26.474,
107.999

36, 67.140,
299.720

96, 35.046,
107.445

30, 78.996,
301.913

98, 38.238,
107.261

26, 89.768,
303.932

23, 97.901,

305.443

■ 21, 102.510,
306.285

Harmonies

Complementary

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



66, 11.093, 291.335



72, 10.813, 109.105

Rectangle

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



66, 11.093, 291.335



66, 11.093, 341.335



66, 11.093, 111.335



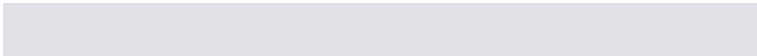
66, 11.093, 161.335

Sweetspot

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



66, 11.091, 291.331



90, 3.627, 290.486



71, 7.275, 197.438



48, 2.774, 290.562



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



66, 11.091, 291.331



82, 16.001, 291.564



67, 11.677, 308.982



34, 5.589, 291.125



17, 91.383, 306.285



1, 13.315, 290.173

Inverse Universe

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



67, 7.790, 20.047



84, 11.282, 20.210



72, 11.490, 127.996



35, 3.911, 19.901



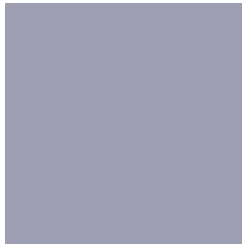
31, 70.925, 39.521



2, 9.156, 19.396

Previews

White Background



This preview shows how the CIELCh color 66, 11.093, 291.335 looks on a white background.

Color Contrast Check

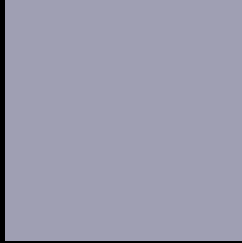
Large Text (above 18pt) WCAG AA × Fail

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, 11.093, 291.335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

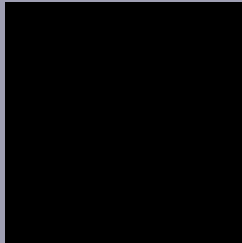
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 11.093, 291.335

Background



This preview shows how black text looks on a background with the CIELCh color 66, 11.093, 291.335.



This preview shows how white text looks on a background with the CIELCh color 66, 11.093, 291.335.

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, 11.093, 291.335

Protanopia

66, 11.093, 289.471

Deuteranopia

66, 13.447, 308.888



Tritanopia
66, 6.681, 284.554

Trichromacy



Original Color
66, 11.093, 291.335

Protanomaly
66, 11.093, 289.471

Deuteranomaly
66, 12.519, 303.191

Tritanomaly
66, 7.782, 285.594

Monochromacy



Original Color
66, 11.093, 291.335

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 3.884, 290.598

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 11.093, 291.335 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(159, 159, 179)` looks like.

```
.text, #text, p{  
    color:rgb(159, 159, 179)  
}
```

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(159, 159, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 159, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 11.093, 291.335 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(159, 159, 179) }
```

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

```
.border{ border-color:rgb(159, 159, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 159, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 159, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 159, 179);  
box-shadow:4px 4px 4px 4px rgb(159, 159,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 11.093, 291.335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 159, 179) }
```

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

```
.background{ background-color: rgb(159,  
159, 179) }
```

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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