

Converting Colors

CIELCh(63, 27.066, 291.139)

Have a look what the booklet for
CIELCh(63, 27.066, 291.139)
contains.

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Color

CIELCh(63, 26.872, 290.893)

Conversions

Conversions Part 1

Format	Color
Hex	9295C5
RGB	146, 149, 197
RGB Percent	57%, 58%, 77%
CMY	0.4279, 0.4161, 0.2279
CMYK	0.26, 0.24, 0.00, 0.23
HSL	236°, 30%, 67%
HSV	236°, 26%, 77%
XYZ	32.6292, 31.5869, 57.1308
YIQ	153.5750, -17.1960, 14.2920

Conversions

Conversions Part 2

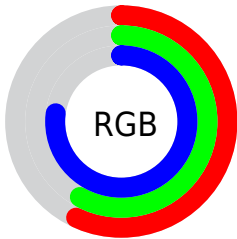
Format	Color
RYB	146, 149, 197
Decimal	9606597
CIELab	63.00, 9.58, -25.11
CIElCh	63, 26.872, 290.893
Yxy	31.5869, 0.2689, 0.2603
Android (android.graphics.Color)	4287796677 (0xFF9295C5)
YUV	153.5750, 21.4085, -6.6433
Hunter-Lab	56.2022, 5.2774, -20.9280

Details

The CIELCh color $63, 26.872, 290.893$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $78, 25.468, 105.086$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 26.988, 291.095$, and $43, 27.099, 291.122$ is the 20% darker color. If you saturate the color by 10%, you get $57, 38.002, 292.515$, and if you desaturate by 10%, it is $69, 16.180, 289.509$.

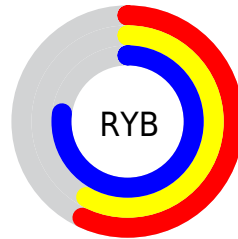
Distribution



Red (57%)

Green (58%)

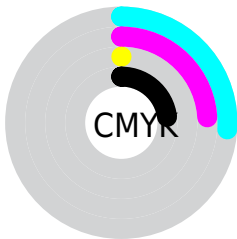
Blue (77%)



Red (57%)

Yellow (58%)

Blue (77%)

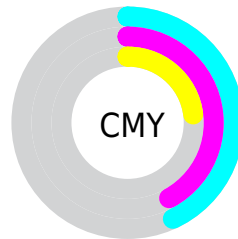


Cyan (26%)

Magenta (24%)

Yellow (0%)

Black (23%)



Cyan (43%)


Magenta (42%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 26.872, 290.893 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 63, 26.872, 290.893 by changing the saturation by 10% instead.


 63, 26.872,
290.893


 63, 26.872,
290.893


 100, 26.872,
290.893


 53, 26.872,
290.893


 83, 26.872,
290.893

 43, 26.872,
290.893

 93, 26.872,
290.893

 33, 26.872,
290.893

 23, 26.872,
290.893

 13, 26.872,
290.893

 3, 26.872, 290.893

 0, 26.872, 290.893

63, 26.872,
290.893

63, 26.872,
290.893

57, 38.002,
292.515

69, 16.180,
289.509

50, 49.595,
294.400

76, 5.898, 288.340

44, 61.624,
296.545

82, 4.008, 107.300

38, 73.933,
298.895

88, 13.565,
106.457

33, 86.062,
301.304

95, 22.798,
105.723

28, 97.014,
303.513

99, 29.288,
107.952

25, 105.249,
305.195

25, 107.550,

Harmonies

Complementary

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



63, 26.872, 290.893



78, 25.468, 105.086

Rectangle

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



63, 26.872, 290.893



63, 26.872, 340.893



63, 26.872, 110.893



63, 26.872, 160.893

Sweetspot

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



63, 26.871, 290.892



94, 9.902, 288.582



76, 17.671, 192.097



49, 7.056, 288.754



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 26.871, 290.892



76, 40.120, 291.766



64, 29.622, 308.059



39, 5.749, 288.724



19, 93.026, 305.467



2, 20.616, 290.226

Inverse Universe

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



65, 20.559, 16.866



79, 30.914, 17.588



77, 28.431, 125.453



39, 4.286, 15.159



34, 72.317, 37.348



3, 15.919, 16.353

Previews

White Background



This preview shows how the CIELCh color 63, 26.872, 290.893 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 63, 26.872, 290.893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

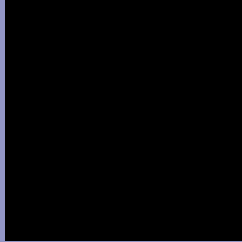
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 26.872, 290.893

Background



This preview shows how black text looks on a background with the CIELCh color 63, 26.872, 290.893.



This preview shows how white text looks on a background with the CIELCh color 63, 26.872, 290.893.

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

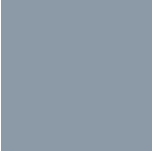
63, 26.872, 290.893

Protanopia

63, 26.424, 285.083

Deuteranopia

63, 26.341, 287.905



Tritanopia
63, 8.755, 255.577

Trichromacy



Original Color
63, 26.872, 290.893

Protanomaly
63, 26.917, 287.392

Deuteranomaly
63, 26.321, 288.615

Tritanomaly
63, 14.879, 278.073

Monochromacy



Original Color
63, 26.872, 290.893

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 9.525, 286.803

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 26.872, 290.893 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(146, 149, 197)` looks like.

```
.text, #text, p{  
    color:rgb(146, 149, 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(146, 149, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 149, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 26.872, 290.893 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(146, 149, 197) }
```

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

```
.border{ border-color:rgb(146, 149, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 149, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 149, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 149, 197);  
box-shadow:4px 4px 4px 4px rgb(146, 149,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 26.872, 290.893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 149, 197) }
```

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

```
.background{ background-color: rgb(146,  
149, 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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