

Converting Colors

CIELCh(63, 24.646, 290.447)

Have a look what the booklet for
CIELCh(63, 24.646, 290.447)
contains.

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Color

CIELCh(63, 24.646, 290.447)

Conversions

Conversions Part 1

Format	Color
Hex	9295C1
RGB	146, 149, 193
RGB Percent	57%, 58%, 76%
CMY	0.4263, 0.4146, 0.2420
CMYK	0.24, 0.23, 0.00, 0.24
HSL	236°, 28%, 67%
HSV	236°, 24%, 76%
XYZ	32.3578, 31.5869, 55.0197
YIQ	153.1190, -15.9120, 13.0480

Conversions

Conversions Part 2

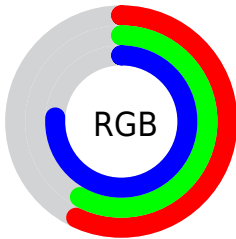
Format	Color
R _Y B	146, 149, 193
Decimal	9606593
CIE Lab	63.00, 8.61, -23.09
CIE LCh	63, 24.646, 290.447
Yxy	31.5869, 0.2720, 0.2655
Android (android.graphics.Color)	4287796673 (0xFF9295C1)
YUV	153.1190, 19.6613, -6.2434
Hunter-Lab	56.2022, 4.4154, -18.7009

Details

The CIELCh color $63, 24.646, 290.447$ is a light color, and the websafe version is hex `9999CC`. A complement of this color would be $76, 23.461, 105.022$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 24.879, 290.791$, and $43, 24.716, 290.477$ is the 20% darker color. If you saturate the color by 10%, you get $57, 35.476, 292.031$, and if you desaturate by 10%, it is $69, 14.237, 289.096$.

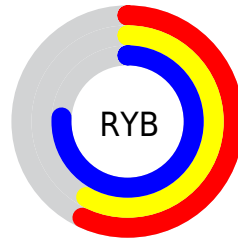
Distribution



Red (57%)

Green (58%)

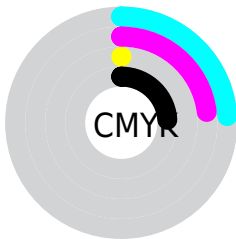
Blue (76%)



Red (57%)

Yellow (58%)

Blue (76%)

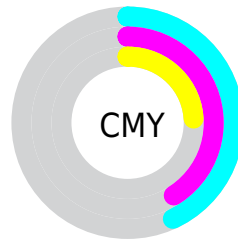


Cyan (24%)

Magenta (23%)

Yellow (0%)

Black (24%)



Cyan (43%)

Magenta (41%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 24.646, 290.447 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, 24.646, 290.447 by changing the saturation by 10% instead.

■ 63, 24.646,
290.447

■ 63, 24.646,
290.447

■ 100, 24.646,
290.447

■ 53, 24.646,
290.447

■ 83, 24.646,
290.447

■ 43, 24.646,
290.447

■ 93, 24.646,
290.447

■ 33, 24.646,
290.447

■ 23, 24.646,
290.447

■ 13, 24.646,
290.447

■ 3, 24.646, 290.447

■ 0, 24.646, 290.447

63, 24.646,
290.447

63, 24.646,
290.447

57, 35.476,
292.031

69, 14.237,
289.096

51, 46.756,
293.876

75, 4.222, 287.960

82, 5.432, 106.941

44, 58.474,
295.985

88, 14.751,
106.111

39, 70.513,
298.317

94, 23.758,
105.392

33, 82.503,
300.747

99, 31.071,
107.814

29, 93.596,
303.038

25, 102.370,
304.872

24, 105.800,

Harmonies

Complementary

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



63, 24.646, 290.447



76, 23.461, 105.022

Rectangle

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



63, 24.646, 290.447



63, 24.646, 340.447



63, 24.646, 110.447



63, 24.646, 160.447

Sweetspot

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



63, 24.645, 290.446



94, 8.535, 288.255



75, 16.428, 192.211



50, 5.597, 288.322



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, 24.645, 290.446



77, 36.874, 291.231



64, 27.338, 307.964



38, 5.598, 288.507



19, 91.676, 305.383



1, 18.593, 289.403

Inverse Universe

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



65, 18.914, 16.294



80, 28.490, 16.937



76, 26.311, 125.534



38, 4.196, 14.763



33, 71.258, 37.093



3, 14.037, 15.925

Previews

White Background



This preview shows how the CIELCh color 63, 24.646, 290.447 looks on a white background.

Color Contrast Check

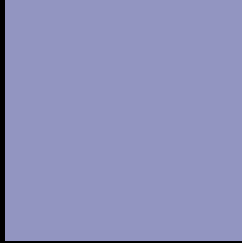
Large Text (above 18pt) WCAG AA × Fail

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, 24.646, 290.447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

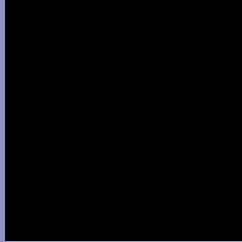
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 24.646, 290.447

Background



This preview shows how black text looks on a background with the CIELCh color 63, 24.646, 290.447.



This preview shows how white text looks on a background with the CIELCh color 63, 24.646, 290.447.

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, 24.646, 290.447

Protanopia

63, 24.189, 284.796

Deuteranopia

63, 24.646, 290.447



Tritanopia
63, 8.112, 255.244

Trichromacy



Original Color
63, 24.646, 290.447

Protanomaly
63, 24.680, 287.345

Deuteranomaly
63, 24.646, 290.447

Tritanomaly
63, 13.726, 278.190

Monochromacy



Original Color
63, 24.646, 290.447

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 8.952, 288.797

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 24.646, 290.447 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(146, 149, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 149, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 24.646, 290.447 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, 193) }
```

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

```
.border{ border-color:rgb(146, 149, 193) }
```

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, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 149, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 149, 193);  
box-shadow:4px 4px 4px 4px rgb(146, 149,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 24.646, 290.447 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, 193) }
```

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

```
.background{ background-color: rgb(146,  
149, 193) }
```

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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