

Converting Colors

CIELCh(62, 30.106, 294.987)

Have a look what the booklet for
CIELCh(62, 30.106, 294.987)
contains.

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Color

CIELCh(62, 29.806, 294.632)

Conversions

Conversions Part 1

Format	Color
Hex	9391C6
RGB	147, 145, 198
RGB Percent	58%, 57%, 78%
CMY	0.4247, 0.4325, 0.2247
CMYK	0.26, 0.27, 0.00, 0.22
HSL	242°, 32%, 67%
HSV	242°, 27%, 78%
XYZ	32.2197, 30.4025, 57.4123
YIQ	151.6400, -15.8210, 16.9070

Conversions

Conversions Part 2

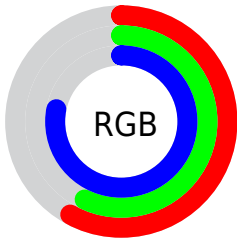
Format	Color
R_{YB}	147, 145, 198
Decimal	9671110
CIE _{Lab}	62.00, 12.42, -27.09
CIE _{LCh}	62, 29.806, 294.632
Yxy	30.4025, 0.2684, 0.2533
Android (android.graphics.Color)	4287861190 (0xFF9391C6)
YUV	151.6400, 22.8555, -4.0693
Hunter-Lab	55.1385, 7.8126, -23.1380

Details

The CIELCh color $62, 29.806, 294.632$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $78, 27.969, 109.236$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 29.761, 294.597$, and $42, 29.613, 294.359$ is the 20% darker color. If you saturate the color by 10%, you get $55, 41.798, 296.101$, and if you desaturate by 10%, it is $69, 18.301, 293.372$.

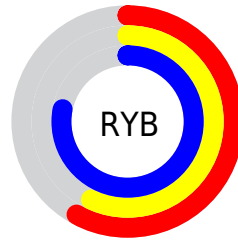
Distribution



Red (58%)

Green (57%)

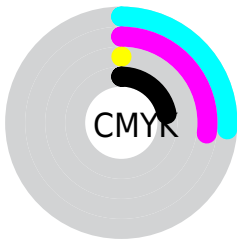
Blue (78%)



Red (58%)

Yellow (57%)

Blue (78%)

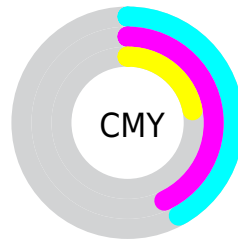


Cyan (26%)

Magenta (27%)

Yellow (0%)

Black (22%)



Cyan (42%)


Magenta (43%)


Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 29.806, 294.632 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 62, 29.806, 294.632 by changing the saturation by 10% instead.


 62, 29.806,
294.632


 62, 29.806,
294.632


 100, 29.806,
294.632


 52, 29.806,
294.632


 82, 29.806,
294.632

 42, 29.806,
294.632

 92, 29.806,
294.632

 32, 29.806,
294.632

 22, 29.806,
294.632

 12, 29.806,
294.632

 2, 29.806, 294.632

 0, 29.806, 294.632

62, 29.806,
294.632

62, 29.806,
294.632

55, 41.798,
296.101

69, 18.301,
293.372

49, 54.274,
297.791

75, 7.264, 292.302

82, 3.340, 111.367

42, 67.136,
299.679

88, 13.543,
110.600

36, 80.064,
301.682

95, 23.374,
109.936

31, 92.293,
303.617

99, 28.883,
107.983

27, 102.402,
305.193

25, 108.740,
306.130

24, 110.296,

Harmonies

Complementary

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



62, 29.806, 294.632



78, 27.969, 109.236

Rectangle

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



62, 29.806, 294.632



62, 29.806, 344.632



62, 29.806, 114.632



62, 29.806, 164.632

Sweetspot

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



62, 29.805, 294.631



94, 10.535, 292.433



76, 17.374, 201.287



49, 7.509, 292.589



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 29.805, 294.631



74, 44.285, 295.440



64, 31.287, 311.459



38, 6.118, 292.562



19, 95.626, 306.416



1, 21.525, 292.739

Inverse Universe

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



67, 33.973, 326.939



81, 49.758, 327.249



77, 30.239, 129.011



39, 7.196, 325.958



38, 80.379, 329.770



4, 25.898, 328.267

Previews

White Background



This preview shows how the CIELCh color 62, 29.806, 294.632 looks on a white background.

Color Contrast Check

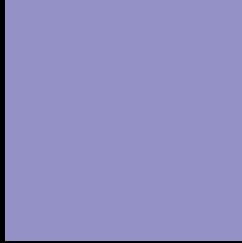
Large Text (above 18pt) WCAG AA × Fail

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 62, 29.806, 294.632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

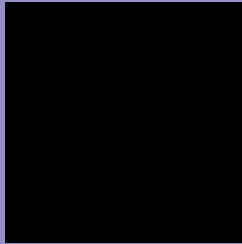
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 29.806, 294.632

Background



This preview shows how black text looks on a background with the CIELCh color 62, 29.806, 294.632.



This preview shows how white text looks on a background with the CIELCh color 62, 29.806, 294.632.

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

62, 29.806, 294.632

Protanopia

62, 29.339, 285.075

Deuteranopia

62, 28.146, 287.177



Tritanopia
62, 7.761, 259.671

Trichromacy



Original Color
62, 29.806, 294.632

Protanomaly
62, 29.231, 288.177

Deuteranomaly
62, 28.660, 289.958

Tritanomaly
62, 15.298, 282.529

Monochromacy



Original Color
62, 29.806, 294.632

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 10.665, 291.345

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 29.806, 294.632 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(147, 145, 198)` looks like.

```
.text, #text, p{  
    color:rgb(147, 145, 198)  
}
```

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(147, 145, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 145, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 29.806, 294.632 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(147, 145, 198) }
```

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

```
.border{ border-color:rgb(147, 145, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 145, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 145, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 145, 198);  
box-shadow:4px 4px 4px 4px rgb(147, 145,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 29.806, 294.632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 145, 198) }
```

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

```
.background{ background-color: rgb(147,  
145, 198) }
```

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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