

Converting Colors

CIELCh(62, 30.590, 299.079)

Have a look what the booklet for
CIELCh(62, 30.590, 299.079)
contains.

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Color

CIELCh(62, 30.590, 299.079)

Conversions

Conversions Part 1

Format	Color
Hex	988FC5
RGB	152, 143, 197
RGB Percent	60%, 56%, 77%
CMY	0.4035, 0.4388, 0.2270
CMYK	0.23, 0.27, 0.00, 0.23
HSL	250°, 32%, 67%
HSV	250°, 27%, 77%
XYZ	32.9022, 30.4025, 57.0298
YIQ	151.8470, -11.9700, 18.7020

Conversions

Conversions Part 2

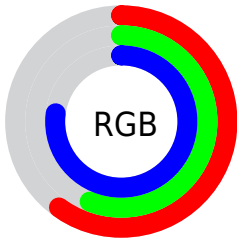
Format	Color
R_{YB}	152, 143, 197
Decimal	9998277
CIE _{Lab}	62.00, 14.87, -26.73
CIE _{LCh}	62, 30.590, 299.079
Yxy	30.4025, 0.2734, 0.2527
Android (android.graphics.Color)	4288188357 (0xFF988FC5)
YUV	151.8470, 22.2604, 0.1342
Hunter-Lab	55.1385, 10.0220, -22.7268

Details

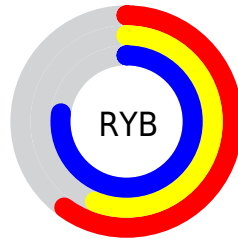
The CIELCh color $62, 30.590, 299.079$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $78, 28.756, 114.727$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 30.523, 298.917$, and $42, 30.407, 298.949$ is the 20% darker color. If you saturate the color by 10%, you get $56, 42.570, 300.195$, and if you desaturate by 10%, it is $68, 19.048, 298.102$.

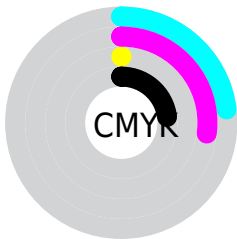
Distribution



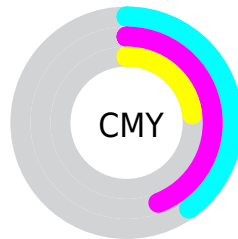
- Red (60%)
- Green (56%)
- Blue (77%)



- Red (60%)
- Yellow (56%)
- Blue (77%)



- Cyan (23%)
- Magenta (27%)
- Yellow (0%)
- Black (23%)



- Cyan (40%)
- Magenta (44%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 30.590, 299.079 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, 30.590, 299.079 by changing the saturation by 10% instead.

62, 30.590,
299.079

62, 30.590,
299.079

100, 30.590,
299.079

52, 30.590,
299.079

82, 30.590,
299.079

42, 30.590,
299.079

92, 30.590,
299.079

32, 30.590,
299.079

22, 30.590,
299.079

12, 30.590,
299.079

2, 30.590, 299.079

0, 30.590, 299.079

62, 30.590,
299.079

62, 30.590,
299.079

56, 42.570,
300.195

68, 19.048,
298.102

49, 54.949,
301.447

75, 7.948, 297.256

43, 67.580,
302.807

81, 2.732, 116.527

37, 80.110,
304.201

88, 13.015,
115.901

32, 91.807,
305.485

94, 22.927,
115.363

28, 101.437,
306.441

98, 29.228,
111.162

25, 107.691,
306.869

99, 29.170,
107.961

25, 109.045,

Harmonies

Complementary

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



62, 30.590, 299.079



78, 28.756, 114.727

Rectangle

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



62, 30.590, 299.079



62, 30.590, 349.079



62, 30.590, 119.079



62, 30.590, 169.079

Sweetspot

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



62, 30.589, 299.079



94, 10.608, 297.313



73, 15.828, 216.397



49, 7.560, 297.436



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, 30.589, 299.079



74, 45.952, 299.744



64, 32.753, 315.835



39, 6.160, 297.414



20, 94.672, 307.056



1, 21.627, 296.133

Inverse Universe

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



66, 31.713, 331.073



80, 46.967, 331.468



76, 32.002, 133.411



39, 6.578, 329.929



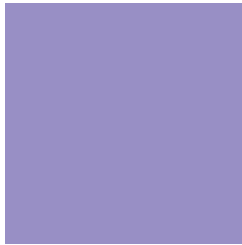
37, 72.753, 336.109



4, 23.122, 333.427

Previews

White Background



This preview shows how the CIELCh color 62, 30.590, 299.079 looks on a white background.

Color Contrast Check

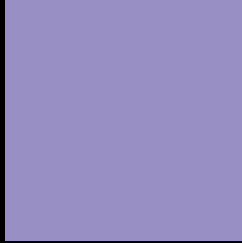
Large Text (above 18pt) WCAG AA × Fail

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, 30.590, 299.079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

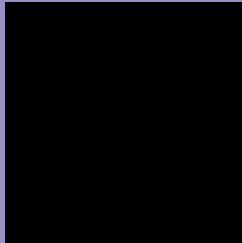
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 30.590, 299.079

Background



This preview shows how black text looks on a background with the CIELCh color 62, 30.590, 299.079.



This preview shows how white text looks on a background with the CIELCh color 62, 30.590, 299.079.

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

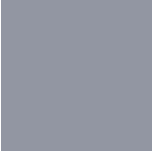
62, 30.590, 299.079

Protanopia

62, 29.889, 285.309

Deuteranopia

62, 27.568, 287.646



Tritanopia
62, 6.867, 278.458

Trichromacy



Original Color
62, 30.590, 299.079

Protanomaly
62, 30.330, 290.337

Deuteranomaly
62, 28.080, 291.830

Tritanomaly
62, 15.754, 293.196

Monochromacy



Original Color
62, 30.590, 299.079

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 10.736, 297.235

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 30.590, 299.079 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(152, 143, 197)` looks like.

```
.text, #text, p{  
    color:rgb(152, 143, 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(152, 143, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 143, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 30.590, 299.079 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(152, 143, 197) }
```

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

```
.border{ border-color:rgb(152, 143, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 143, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 143, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 143, 197);  
box-shadow:4px 4px 4px 4px rgb(152, 143,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 30.590, 299.079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 143, 197) }
```

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

```
.background{ background-color: rgb(152,  
143, 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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