

Converting Colors

CIELCh(62, 16.285, 288.755)

Have a look what the booklet for
CIELCh(62, 16.285, 288.755)
contains.

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Color

CIELCh(62, 16.301, 288.219)

Conversions

Conversions Part 1

Format	Color
Hex	9194B1
RGB	145, 148, 177
RGB Percent	57%, 58%, 69%
CMY	0.4311, 0.4193, 0.3056
CMYK	0.18, 0.16, 0.00, 0.31
HSL	234°, 17%, 63%
HSV	234°, 18%, 69%
XYZ	30.2308, 30.4025, 45.9043
YIQ	150.4090, -11.0970, 8.3830

Conversions

Conversions Part 2

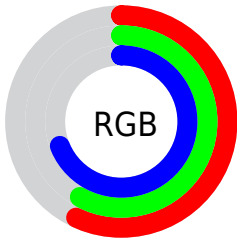
Format	Color
RYB	145, 148, 177
Decimal	9540785
CIELab	62.00, 5.10, -15.48
CIELCh	62, 16.301, 288.219
Yxy	30.4025, 0.2838, 0.2854
Android (android.graphics.Color)	4287730865 (0xFF9194B1)
YUV	150.4090, 13.1094, -4.7437
Hunter-Lab	55.1385, 1.3740, -10.7636

Details

The CIELCh color `62, 16.301, 288.219` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `71, 15.779, 104.234`, and the grayscale version is `62, 0.008, 296.813`.

A 20% lighter version of the original color is `82, 16.457, 288.054`, and `42, 16.355, 288.682` is the 20% darker color. If you saturate the color by 10%, you get `56, 25.790, 289.667`, and if you desaturate by 10%, it is `68, 7.156, 286.985`.

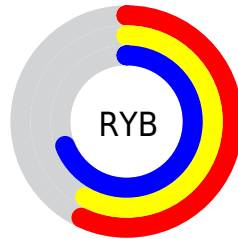
Distribution



Red (57%)

Green (58%)

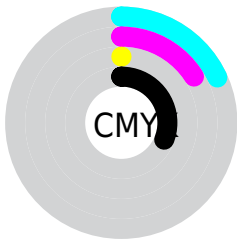
Blue (69%)



Red (57%)

Yellow (58%)

Blue (69%)

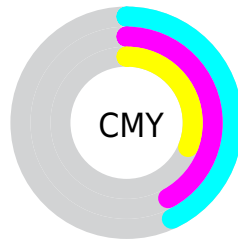


Cyan (18%)

Magenta (16%)

Yellow (0%)

Black (31%)



Cyan (43%)


Magenta (42%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 16.301, 288.219 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, 16.301, 288.219 by changing the saturation by 10% instead.


 62, 16.301,
288.219


 62, 16.301,
288.219


 100, 16.301,
288.219


 52, 16.301,
288.219


 82, 16.301,
288.219

 42, 16.301,
288.219

 92, 16.301,
288.219

 32, 16.301,
288.219

 22, 16.301,
288.219

 12, 16.301,
288.219

 2, 16.301, 288.219

 0, 16.301, 288.219

62, 16.301,
288.219

62, 16.301,
288.219

56, 25.790,
289.667

68, 7.156, 286.985

51, 35.655,
291.363

73, 1.669, 105.856

45, 45.916,
293.329

79, 10.197,
104.996

40, 56.558,
295.563

84, 18.449,
104.218

34, 67.463,
298.012

90, 26.443,
103.543

30, 78.276,
300.538

95, 34.193,
102.955

26, 88.211,
302.899

98, 39.085,
107.196

23, 96.046,

304.761

■ 22, 97.233,
305.017

Harmonies

Complementary

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



62, 16.301, 288.219



71, 15.779, 104.234

Rectangle

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



62, 16.301, 288.219



62, 16.301, 338.219



62, 16.301, 108.219



62, 16.301, 158.219

Sweetspot

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



62, 16.300, 288.217



88, 5.448, 286.659



70, 11.690, 189.811



46, 3.717, 286.731



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



62, 16.300, 288.217



76, 24.693, 288.812



62, 18.640, 306.445



35, 5.064, 287.128



18, 86.730, 304.830



1, 12.361, 287.103

Inverse Universe

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



63, 12.833, 13.222



78, 19.556, 13.704



70, 18.096, 124.614



35, 3.934, 12.341



31, 67.447, 35.487



2, 9.219, 13.401

Previews

White Background



This preview shows how the CIELCh color 62, 16.301, 288.219 looks on a white background.

Color Contrast Check

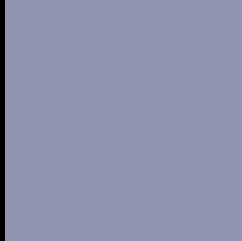
Large Text (above 18pt) WCAG AA × Fail

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 62, 16.301, 288.219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

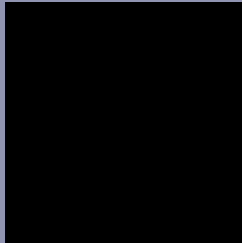
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

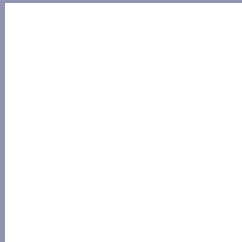
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 62, 16.301, 288.219

Background



This preview shows how black text looks on a background with the CIELCh color 62, 16.301, 288.219.



This preview shows how white text looks on a background with the CIELCh color 62, 16.301, 288.219.

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, 16.301, 288.219

Protanopia

62, 16.321, 286.988

Deuteranopia

62, 17.561, 297.906



Tritanopia
62, 7.430, 264.508

Trichromacy



Original Color
62, 16.301, 288.219

Protanomaly
62, 16.321, 286.988

Deuteranomaly
62, 16.891, 294.427

Tritanomaly
62, 10.357, 277.104

Monochromacy



Original Color
62, 16.301, 288.219

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 6.184, 287.401

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 16.301, 288.219 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(145, 148, 177)` looks like.

```
.text, #text, p{  
    color:rgb(145, 148, 177)  
}
```

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(145, 148, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 148, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 16.301, 288.219 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(145, 148, 177) }
```

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

```
.border{ border-color:rgb(145, 148, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 148, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 148, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 148, 177);  
box-shadow:4px 4px 4px 4px rgb(145, 148,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 16.301, 288.219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 148, 177) }
```

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

```
.background{ background-color: rgb(145,  
148, 177) }
```

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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