

Converting Colors

CIELCh(62, 18.921, 295.463)

Have a look what the booklet for
CIELCh(62, 18.921, 295.463)
contains.

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Color

CIELCh(62, 19.175, 295.416)

Conversions

Conversions Part 1

Format	Color
Hex	9592B4
RGB	149, 146, 180
RGB Percent	58%, 57%, 71%
CMY	0.4143, 0.4260, 0.2926
CMYK	0.17, 0.19, 0.00, 0.29
HSL	245°, 19%, 64%
HSV	245°, 19%, 71%
XYZ	31.0711, 30.4025, 47.6104
YIQ	150.7730, -9.1260, 11.2100

Conversions

Conversions Part 2

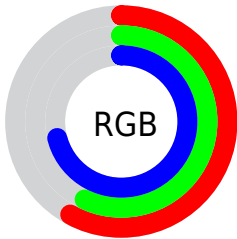
Format	Color
R_{YB}	149, 146, 180
Decimal	9802420
CIE Lab	62.00, 8.23, -17.32
CIE LCh	62, 19.175, 295.416
Yxy	30.4025, 0.2848, 0.2787
Android (android.graphics.Color)	4287992500 (0xFF9592B4)
YUV	150.7730, 14.4089, -1.5549
Hunter-Lab	55.1385, 4.0941, -12.5982

Details

The CIELCh color $62, 19.175, 295.416$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $72, 18.377, 112.099$, and the grayscale version is $62, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 19.166, 294.883$, and $42, 18.801, 295.131$ is the 20% darker color. If you saturate the color by 10%, you get $56, 29.942, 296.578$, and if you desaturate by 10%, it is $68, 8.832, 294.416$.

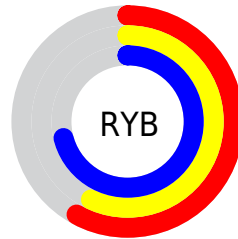
Distribution



Red (58%)

Green (57%)

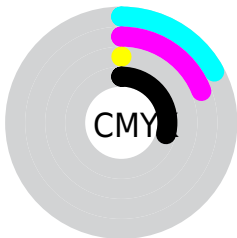
Blue (71%)



Red (58%)

Yellow (57%)

Blue (71%)

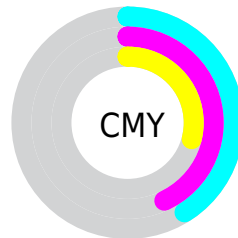


Cyan (17%)

Magenta (19%)

Yellow (0%)

Black (29%)



Cyan (41%)


Magenta (43%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 19.175, 295.416 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, 19.175, 295.416 by changing the saturation by 10% instead.


 62, 19.175,
295.416


 62, 19.175,
295.416


 100, 19.175,
295.416


 52, 19.175,
295.416


 82, 19.175,
295.416

 42, 19.175,
295.416

 92, 19.175,
295.416

 32, 19.175,
295.416

 22, 19.175,
295.416

 12, 19.175,
295.416

 2, 19.175, 295.416

 0, 19.175, 295.416

62, 19.175,
295.416

62, 19.175,
295.416

56, 29.942,
296.578

68, 8.832, 294.416

50, 41.149,
297.923

74, 1.108, 113.531

44, 52.766,
299.448

80, 10.672,
112.822

38, 64.665,
301.125

86, 19.888,
112.196

33, 76.500,
302.865

92, 28.780,
111.659

28, 87.511,
304.493

98, 37.369,
111.197

24, 96.392,
305.746

98, 37.462,
107.321

22, 102.116,

306.481

■ 22, 102.710,
306.573

Harmonies

Complementary

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



62, 19.175, 295.416



72, 18.377, 112.099

Rectangle

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



62, 19.175, 295.416



62, 19.175, 345.416



62, 19.175, 115.416



62, 19.175, 165.416

Sweetspot

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



62, 19.174, 295.414



88, 7.371, 294.168



70, 11.123, 206.614



46, 4.891, 294.224



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



62, 19.174, 295.414



76, 29.222, 295.921



63, 20.439, 312.730



35, 5.604, 294.458



17, 90.894, 306.623



1, 13.340, 292.859

Inverse Universe

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



65, 21.430, 327.981



80, 32.382, 328.245



71, 20.022, 131.112



35, 6.355, 327.422



35, 73.720, 332.029



2, 14.850, 328.238

Previews

White Background



This preview shows how the CIELCh color 62, 19.175, 295.416 looks on a white background.

Color Contrast Check

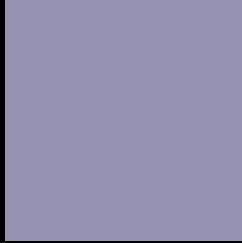
Large Text (above 18pt) WCAG AA × Fail

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, 19.175, 295.416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

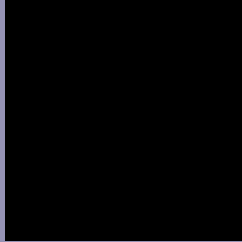
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 19.175, 295.416

Background



This preview shows how black text looks on a background with the CIELCh color 62, 19.175, 295.416.



This preview shows how white text looks on a background with the CIELCh color 62, 19.175, 295.416.

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

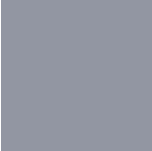
62, 19.175, 295.416

Protanopia

62, 19.158, 286.019

Deuteranopia

62, 19.175, 295.416



Tritanopia
62, 6.867, 278.458

Trichromacy



Original Color
62, 19.175, 295.416

Protanomaly
62, 19.109, 290.160

Deuteranomaly
62, 19.175, 295.416

Tritanomaly
62, 11.237, 287.696

Monochromacy



Original Color
62, 19.175, 295.416

Achromatopsia
62, 0.008, 296.813

Achromatomaly
62, 7.315, 293.904

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 19.175, 295.416 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(149, 146, 180)` looks like.

```
.text, #text, p{  
    color:rgb(149, 146, 180)  
}
```

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(149, 146, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 146, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 19.175, 295.416 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(149, 146, 180) }
```

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

```
.border{ border-color:rgb(149, 146, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 146, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 146, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 146, 180);  
box-shadow:4px 4px 4px 4px rgb(149, 146,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 19.175, 295.416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 146, 180) }
```

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

```
.background{ background-color: rgb(149,  
146, 180) }
```

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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