

Converting Colors

CIELCh(62, 19.827, 299.777)

Have a look what the booklet for
CIELCh(62, 19.827, 299.777)
contains.

CIELCh(62, 19.947, 300.486)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(62, 19.947, 300.486)

Conversions

Conversions Part 1

Format	Color
Hex	9991B4
RGB	153, 145, 180
RGB Percent	60%, 57%, 71%
CMY	0.3992, 0.4306, 0.2933
CMYK	0.15, 0.19, 0.00, 0.29
HSL	254°, 19%, 64%
HSV	254°, 19%, 71%
XYZ	31.5854, 30.4025, 47.4884
YIQ	151.3820, -6.4670, 12.5810

Conversions

Conversions Part 2

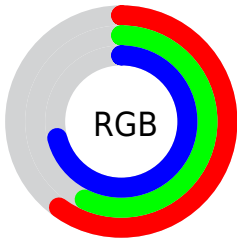
Format	Color
RYB	153, 145, 180
Decimal	10064308
CIELab	62.00, 10.12, -17.19
CIElCh	62, 19.947, 300.486
Yxy	30.4025, 0.2885, 0.2777
Android (android.graphics.Color)	4288254388 (0xFF9991B4)
YUV	151.3820, 14.1087, 1.4190
Hunter-Lab	55.1385, 5.7590, -12.4670

Details

The CIELCh color $62, 19.947, 300.486$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $72, 19.162, 117.844$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 19.944, 300.737$, and $42, 19.604, 300.569$ is the 20% darker color. If you saturate the color by 10%, you get $56, 30.776, 301.358$, and if you desaturate by 10%, it is $68, 9.503, 299.718$.

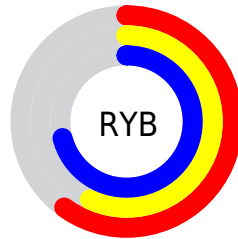
Distribution



Red (60%)

Green (57%)

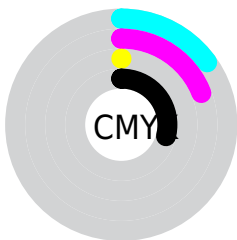
Blue (71%)



Red (60%)

Yellow (57%)

Blue (71%)

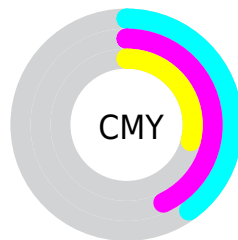


Cyan (15%)

Magenta (19%)

Yellow (0%)

Black (29%)



Cyan (40%)

Magenta (43%)

Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 19.947, 300.486 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, 19.947, 300.486 by changing the saturation by 10% instead.

 62, 19.947,
300.486

 62, 19.947,
300.486

 100, 19.947,
300.486

 52, 19.947,
300.486

 82, 19.947,
300.486

 42, 19.947,
300.486

 92, 19.947,
300.486

 32, 19.947,
300.486

 22, 19.947,
300.486

 12, 19.947,
300.486

 2, 19.947, 300.486

 0, 19.947, 300.486

62, 19.947,
300.486

62, 19.947,
300.486

56, 30.776,
301.358

68, 9.503, 299.718

50, 41.978,
302.341

74, 0.558, 119.092

45, 53.483,
303.422

80, 10.256,
118.482

39, 65.113,
304.565

85, 19.609,
117.985

34, 76.488,
305.692

91, 28.641,
117.557

29, 86.892,
306.667

97, 37.371,
117.190

26, 95.225,
307.293

98, 37.598,
109.956

23, 100.851,

98, 37.549,
107.314

307.512

■ 23, 101.160,
307.531

Harmonies

Complementary

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



62, 19.947, 300.486



72, 19.162, 117.844

Rectangle

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



62, 19.947, 300.486



62, 19.947, 350.486



62, 19.947, 120.486



62, 19.947, 170.486

Sweetspot

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



62, 19.945, 300.485



89, 7.453, 299.485



69, 10.447, 222.326



46, 4.945, 299.529



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, 19.945, 300.485



76, 29.478, 300.818



63, 21.696, 317.071



35, 5.664, 299.710



19, 89.535, 307.628



1, 13.436, 297.085

Inverse Universe

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



64, 20.007, 332.782



79, 29.380, 333.053



71, 21.404, 135.385



35, 5.757, 332.103



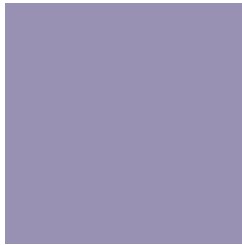
34, 66.346, 339.735



2, 12.982, 335.025

Previews

White Background



This preview shows how the CIELCh color 62, 19.947, 300.486 looks on a white background.

Color Contrast Check

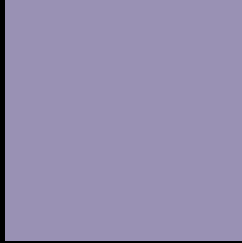
Large Text (above 18pt) WCAG AA × Fail

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, 19.947, 300.486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

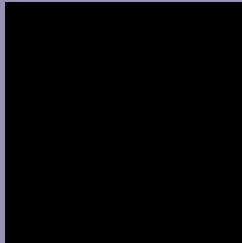
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 19.947, 300.486

Background



This preview shows how black text looks on a background with the CIELCh color 62, 19.947, 300.486.



This preview shows how white text looks on a background with the CIELCh color 62, 19.947, 300.486.

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, 19.947, 300.486

Protanopia

62, 19.158, 286.019

Deuteranopia

62, 19.175, 295.416



Tritanopia
62, 6.195, 294.332

Trichromacy



Original Color
62, 19.947, 300.486

Protanomaly
62, 19.106, 291.203

Deuteranomaly
62, 19.234, 297.525

Tritanomaly
62, 10.749, 297.240

Monochromacy



Original Color
62, 19.947, 300.486

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 6.783, 297.247

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 19.947, 300.486 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(153, 145, 180)` looks like.

```
.text, #text, p{  
    color:rgb(153, 145, 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(153, 145, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 145, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 19.947, 300.486 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(153, 145, 180) }
```

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

```
.border{ border-color:rgb(153, 145, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 145, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 145, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 145, 180);  
box-shadow:4px 4px 4px 4px rgb(153, 145,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 19.947, 300.486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 145, 180) }
```

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

```
.background{ background-color: rgb(153,  
145, 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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