

Converting Colors

CIELCh(62, 32.217, 304.274)

Have a look what the booklet for
CIELCh(62, 32.217, 304.274)
contains.

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Color

CIELCh(62, 32.193, 304.432)

Conversions

Conversions Part 1

Format	Color
Hex	9F8DC5
RGB	159, 141, 197
RGB Percent	62%, 55%, 77%
CMY	0.3769, 0.4475, 0.2279
CMYK	0.19, 0.28, 0.00, 0.23
HSL	259°, 33%, 66%
HSV	259°, 28%, 77%
XYZ	33.8490, 30.4025, 56.8375
YIQ	152.7660, -7.2480, 21.2320

Conversions

Conversions Part 2

Format	Color
R_{YB}	159, 141, 197
Decimal	10456517
CIE _{Lab}	62.00, 18.20, -26.55
CIE _{LCh}	62, 32.193, 304.432
Yxy	30.4025, 0.2795, 0.2511
Android (android.graphics.Color)	4288646597 (0xFF9F8DC5)
YUV	152.7660, 21.8074, 5.4672
Hunter-Lab	55.1385, 13.0869, -22.5199

Details

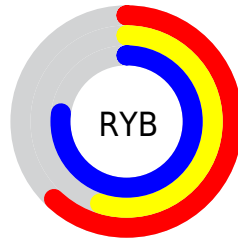
The CIELCh color $62, 32.193, 304.432$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $77, 30.476, 121.014$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 32.075, 304.096$, and $42, 32.036, 304.534$ is the 20% darker color. If you saturate the color by 10%, you get $56, 44.205, 305.222$, and if you desaturate by 10%, it is $68, 20.522, 303.715$.

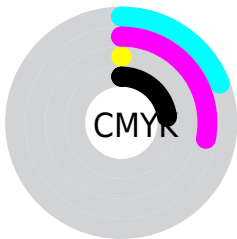
Distribution



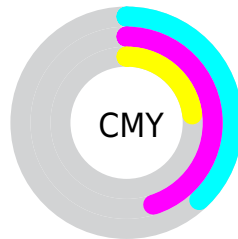
- Red (62%)
- Green (55%)
- Blue (77%)



- Red (62%)
- Yellow (55%)
- Blue (77%)



- Cyan (19%)
- Magenta (28%)
- Yellow (0%)
- Black (23%)





- Cyan (38%)
- Magenta (45%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 32.193, 304.432 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, 32.193, 304.432 by changing the saturation by 10% instead.


 62, 32.193,
304.432


 62, 32.193,
304.432


 100, 32.193,
304.432


 52, 32.193,
304.432


 82, 32.193,
304.432

 42, 32.193,
304.432


 92, 32.193,
304.432

 32, 32.193,
304.432

 22, 32.193,
304.432

 12, 32.193,
304.432

 2, 32.193, 304.432

 0, 32.193, 304.432

62, 32.193,
304.432

62, 32.193,
304.432

56, 44.205,
305.222

68, 20.522,
303.715

50, 56.462,
306.070

74, 9.234, 303.075

44, 68.747,
306.938

80, 1.668, 122.554

39, 80.643,
307.753

87, 12.192,
122.037

34, 91.428,
308.398

93, 22.355,
121.611

30, 100.059,
308.710

98, 29.961,
119.449

27, 105.739,
308.588

99, 29.311,
109.864

27, 106.540,

99, 29.288,
107.952

Harmonies

Complementary

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



62, 32.193, 304.432



77, 30.476, 121.014

Rectangle

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



62, 32.193, 304.432



62, 32.193, 354.432



62, 32.193, 124.432



62, 32.193, 174.432

Sweetspot

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



62, 32.191, 304.432



93, 12.163, 303.117



71, 15.815, 236.595



49, 8.473, 303.208



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, 32.191, 304.432



74, 47.948, 304.905



65, 35.143, 320.574



39, 6.267, 303.133



22, 92.541, 308.704



2, 21.850, 300.183

Inverse Universe

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



65, 29.553, 337.252



79, 43.519, 337.761



75, 34.736, 137.800



39, 5.892, 335.780



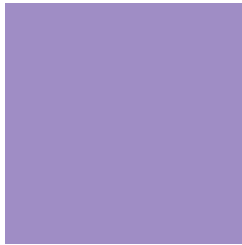
36, 65.350, 346.266



4, 20.200, 341.897

Previews

White Background



This preview shows how the CIELCh color 62, 32.193, 304.432 looks on a white background.

Color Contrast Check

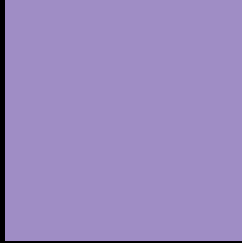
Large Text (above 18pt) WCAG AA × Fail

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, 32.193, 304.432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

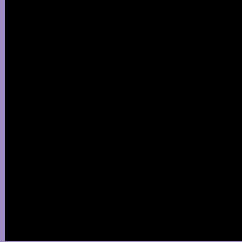
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 62, 32.193, 304.432

Background



This preview shows how black text looks on a background with the CIELCh color 62, 32.193, 304.432.



This preview shows how white text looks on a background with the CIELCh color 62, 32.193, 304.432.

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, 32.193, 304.432

Protanopia

62, 30.473, 284.959

Deuteranopia

62, 27.546, 288.317



Tritanopia
62, 6.931, 303.448

Trichromacy



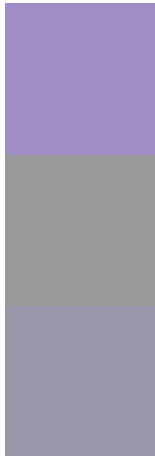
Original Color
62, 32.193, 304.432

Protanomaly
62, 30.904, 292.270

Deuteranomaly
62, 28.690, 294.579

Tritanomaly
62, 16.226, 304.824

Monochromacy



Original Color
62, 32.193, 304.432

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 11.465, 302.500

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 32.193, 304.432 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(159, 141, 197)` looks like.

```
.text, #text, p{  
    color:rgb(159, 141, 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(159, 141, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 141, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 32.193, 304.432 is called "border". The border property can be set on classes, ids or directly on the HTML element.

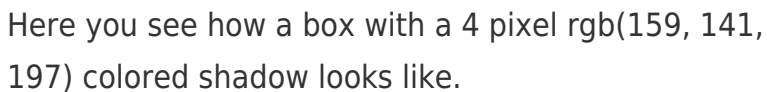
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 141, 197) }
```

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

```
.border{ border-color:rgb(159, 141, 197) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 141, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 141, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 141, 197); box-shadow:4px 4px 4px 4px rgb(159, 141, 197) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 32.193, 304.432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 141, 197) }
```

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

```
.background{ background-color: rgb(159,  
141, 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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