

Converting Colors

CIELCh(63, 18.526, 294.343)

Have a look what the booklet for
CIELCh(63, 18.526, 294.343)
contains.

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Color

CIELCh(63, 18.526, 294.343)

Conversions

Conversions Part 1

Format	Color
Hex	9795B6
RGB	151, 149, 182
RGB Percent	59%, 58%, 71%
CMY	0.4067, 0.4145, 0.2851
CMYK	0.17, 0.18, 0.00, 0.29
HSL	244°, 19%, 65%
HSV	244°, 18%, 71%
XYZ	32.0879, 31.5869, 48.8287
YIQ	153.3600, -9.4010, 10.6870

Conversions

Conversions Part 2

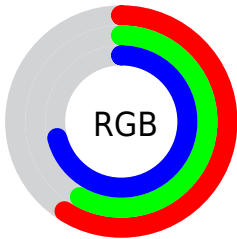
Format	Color
R_{YB}	151, 149, 182
Decimal	9934262
CIE _{Lab}	63.00, 7.64, -16.88
CIE _{LCh}	63, 18.526, 294.343
Yxy	31.5869, 0.2852, 0.2808
Android (android.graphics.Color)	4288124342 (0xFF9795B6)
YUV	153.3600, 14.1195, -2.0697
Hunter-Lab	56.2022, 3.5582, -12.1698

Details

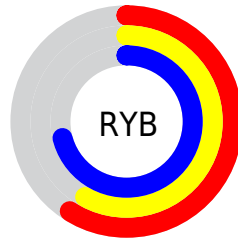
The CIELCh color $63, 18.526, 294.343$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $73, 17.780, 111.002$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 18.565, 293.867$, and $43, 18.735, 295.091$ is the 20% darker color. If you saturate the color by 10%, you get $57, 29.350, 295.560$, and if you desaturate by 10%, it is $69, 8.133, 293.301$.

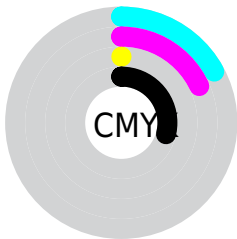
Distribution



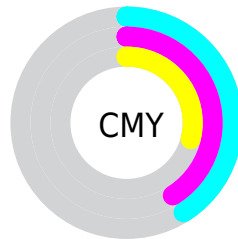
- Red (59%)
- Green (58%)
- Blue (71%)



- Red (59%)
- Yellow (58%)
- Blue (71%)



- Cyan (17%)
- Magenta (18%)
- Yellow (0%)
- Black (29%)





- Cyan (41%)
- Magenta (41%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 18.526, 294.343 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 63, 18.526, 294.343 by changing the saturation by 10% instead.


 63, 18.526,
294.343


 63, 18.526,
294.343


 100, 18.526,
294.343


 53, 18.526,
294.343


 83, 18.526,
294.343

 43, 18.526,
294.343

 93, 18.526,
294.343

 33, 18.526,
294.343

 23, 18.526,
294.343

 13, 18.526,
294.343

 3, 18.526, 294.343

 0, 18.526, 294.343

63, 18.526,
294.343

63, 18.526,
294.343

57, 29.350,
295.560

69, 8.133, 293.301

51, 40.626,
296.974

75, 1.852, 112.385

45, 52.337,
298.589

81, 11.460,
111.642

39, 64.370,
300.379

87, 20.718,
110.994

33, 76.399,
302.257

93, 29.650,
110.437

28, 87.676,
304.042

98, 36.513,
107.966

24, 96.872,
305.458

98, 36.510,
107.395

22, 102.736,

306.305

■ 22, 103.699,
306.469

Harmonies

Complementary

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



63, 18.526, 294.343



73, 17.780, 111.002

Rectangle

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



63, 18.526, 294.343



63, 18.526, 344.343



63, 18.526, 114.343



63, 18.526, 164.343

Sweetspot

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



63, 18.525, 294.341



90, 6.179, 293.019



71, 11.139, 203.215



48, 4.255, 293.083



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



63, 18.525, 294.341



77, 28.114, 294.838



64, 19.645, 311.585



35, 5.730, 293.420



18, 92.173, 306.507



1, 15.399, 292.053

Inverse Universe

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



66, 21.149, 327.112



81, 31.843, 327.354



72, 19.223, 130.010



36, 6.630, 326.608



36, 76.227, 330.765



3, 17.698, 327.144

Previews

White Background



This preview shows how the CIELCh color 63, 18.526, 294.343 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 63, 18.526, 294.343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

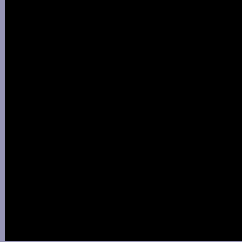
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 18.526, 294.343

Background



This preview shows how black text looks on a background with the CIELCh color 63, 18.526, 294.343.



This preview shows how white text looks on a background with the CIELCh color 63, 18.526, 294.343.

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

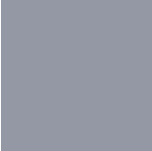
63, 18.526, 294.343

Protanopia

63, 17.982, 285.429

Deuteranopia

63, 18.547, 295.433



Tritanopia
63, 6.850, 278.443

Trichromacy



Original Color
63, 18.526, 294.343

Protanomaly
63, 18.492, 288.916

Deuteranomaly
63, 18.547, 295.433

Tritanomaly
63, 11.209, 287.679

Monochromacy



Original Color
63, 18.526, 294.343

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 6.731, 294.084

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 18.526, 294.343 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(151, 149, 182)` looks like.

```
.text, #text, p{  
    color:rgb(151, 149, 182)  
}
```

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(151, 149, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 149, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 18.526, 294.343 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(151, 149, 182) }
```

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

```
.border{ border-color:rgb(151, 149, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 149, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 149, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 149, 182);  
box-shadow:4px 4px 4px 4px rgb(151, 149,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 18.526, 294.343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 149, 182) }
```

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

```
.background{ background-color: rgb(151,  
149, 182) }
```

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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