

Converting Colors

CIELCh(63, 29.262, 296.549)

Have a look what the booklet for
CIELCh(63, 29.262, 296.549)
contains.

CIELCh(63, 29.227, 296.534)	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(63, 29.227, 296.534)

Conversions

Conversions Part 1

Format	Color
Hex	9893C7
RGB	152, 147, 199
RGB Percent	60%, 58%, 78%
CMY	0.4046, 0.4242, 0.2203
CMYK	0.24, 0.26, 0.00, 0.22
HSL	246°, 32%, 68%
HSV	246°, 26%, 78%
XYZ	33.6100, 31.5869, 58.2466
YIQ	154.4230, -13.7120, 17.2320

Conversions

Conversions Part 2

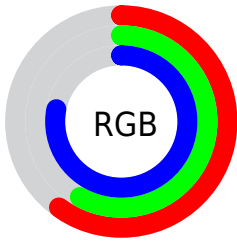
Format	Color
R_{YB}	152, 147, 199
Decimal	9999303
CIE _{Lab}	63.00, 13.06, -26.15
CIE _{LCh}	63, 29.227, 296.534
Yxy	31.5869, 0.2723, 0.2559
Android (android.graphics.Color)	4288189383 (0xFF9893C7)
YUV	154.4230, 21.9765, -2.1250
Hunter-Lab	56.2022, 8.3924, -22.1051

Details

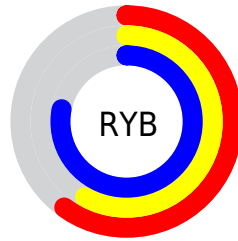
The CIELCh color $63, 29.227, 296.534$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $79, 27.498, 111.815$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 28.714, 296.525$, and $43, 29.600, 296.927$ is the 20% darker color. If you saturate the color by 10%, you get $56, 41.238, 297.818$, and if you desaturate by 10%, it is $70, 17.688, 295.424$.

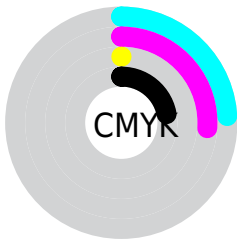
Distribution



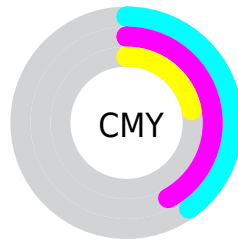
- Red (60%)
- Green (58%)
- Blue (78%)



- Red (60%)
- Yellow (58%)
- Blue (78%)



- Cyan (24%)
- Magenta (26%)
- Yellow (0%)
- Black (22%)





- Cyan (40%)
- Magenta (42%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 29.227, 296.534 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, 29.227, 296.534 by changing the saturation by 10% instead.


 63, 29.227,
296.534


 63, 29.227,
296.534


 100, 29.227,
296.534


 53, 29.227,
296.534


 83, 29.227,
296.534

 43, 29.227,
296.534

 93, 29.227,
296.534

 33, 29.227,
296.534

 23, 29.227,
296.534

 13, 29.227,
296.534

 3, 29.227, 296.534

 0, 29.227, 296.534

63, 29.227,
296.534

63, 29.227,
296.534

56, 41.238,
297.818

70, 17.688,
295.424

50, 53.706,
299.284

76, 6.607, 294.474

44, 66.525,
300.909

83, 4.044, 113.648

38, 79.384,
302.621

89, 14.294,
112.957

32, 91.577,
304.266

96, 24.172,
112.362

28, 101.813,
305.597

99, 28.324,
108.026

25, 108.487,
306.346

24, 110.422,

Harmonies

Complementary

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



63, 29.227, 296.534



79, 27.498, 111.815

Rectangle

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



63, 29.227, 296.534



63, 29.227, 346.534



63, 29.227, 116.534



63, 29.227, 166.534

Sweetspot

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



63, 29.226, 296.533



94, 10.559, 294.649



76, 16.278, 206.535



49, 7.525, 294.789



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 29.226, 296.533



75, 42.869, 297.193



65, 30.928, 313.077



38, 6.132, 294.764



19, 95.287, 306.637



1, 21.562, 294.280

Inverse Universe

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



67, 32.006, 328.658



81, 46.358, 328.970



77, 30.043, 130.755



39, 6.912, 327.666



38, 76.805, 332.425



4, 24.613, 330.419

Previews

White Background



This preview shows how the CIELCh color 63, 29.227, 296.534 looks on a white background.

Color Contrast Check

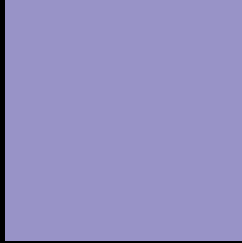
Large Text (above 18pt) WCAG AA × Fail

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, 29.227, 296.534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

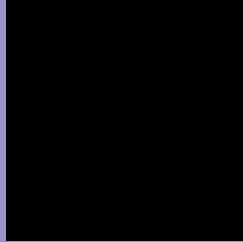
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 29.227, 296.534

Background



This preview shows how black text looks on a background with the CIELCh color 63, 29.227, 296.534.



This preview shows how white text looks on a background with the CIELCh color 63, 29.227, 296.534.

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, 29.227, 296.534

Protanopia

63, 28.690, 284.752

Deuteranopia

63, 26.895, 288.081



Tritanopia
63, 7.268, 267.074

Trichromacy



Original Color
63, 29.227, 296.534

Protanomaly
63, 29.126, 289.389

Deuteranomaly
63, 27.428, 290.998

Tritanomaly
63, 14.595, 286.154

Monochromacy



Original Color
63, 29.227, 296.534

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 10.674, 295.264

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 29.227, 296.534 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(152, 147, 199)` looks like.

```
.text, #text, p{  
    color:rgb(152, 147, 199)  
}
```

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(152, 147, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 147, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 29.227, 296.534 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(152, 147, 199) }
```

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

```
.border{ border-color:rgb(152, 147, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 147, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 147, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 147, 199);  
box-shadow:4px 4px 4px 4px rgb(152, 147,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 29.227, 296.534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 147, 199) }
```

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

```
.background{ background-color: rgb(152,  
147, 199) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor