

Converting Colors

CIELCh(63, 27.619, 297.316)

Have a look what the booklet for
CIELCh(63, 27.619, 297.316)
contains.

CIELCh(63, 27.586, 297.303)	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, 27.586, 297.303)

Conversions

Conversions Part 1

Format	Color
Hex	9993C4
RGB	153, 147, 196
RGB Percent	60%, 58%, 77%
CMY	0.4003, 0.4238, 0.2317
CMYK	0.22, 0.25, 0.00, 0.23
HSL	247°, 29%, 67%
HSV	247°, 25%, 77%
XYZ	33.4952, 31.5869, 56.5037
YIQ	154.3800, -12.1530, 16.5110

Conversions

Conversions Part 2

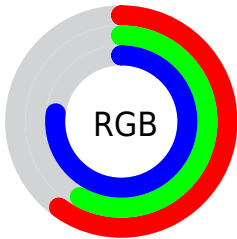
Format	Color
R_{YB}	153, 147, 196
Decimal	10064836
CIE _{Lab}	63.00, 12.65, -24.51
CIE _{LCh}	63, 27.586, 297.303
Yxy	31.5869, 0.2755, 0.2598
Android (android.graphics.Color)	4288254916 (0xFF9993C4)
YUV	154.3800, 20.5187, -1.2103
Hunter-Lab	56.2022, 8.0279, -20.2664

Details

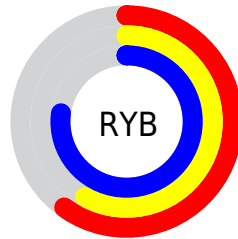
The CIELCh color $63, 27.586, 297.303$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $78, 26.050, 113.032$, and the grayscale version is $64, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 27.690, 297.288$, and $43, 27.835, 297.620$ is the 20% darker color. If you saturate the color by 10%, you get $57, 39.399, 298.495$, and if you desaturate by 10%, it is $69, 16.228, 296.269$.

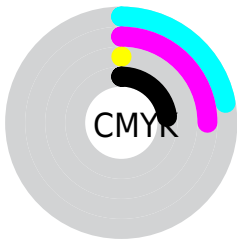
Distribution



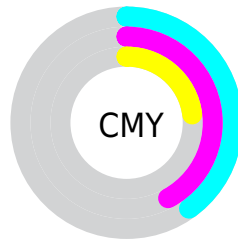
- Red (60%)
- Green (58%)
- Blue (77%)



- Red (60%)
- Yellow (58%)
- Blue (77%)



- Cyan (22%)
- Magenta (25%)
- Yellow (0%)
- Black (23%)





- Cyan (40%)
- Magenta (42%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 27.586, 297.303 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, 27.586, 297.303 by changing the saturation by 10% instead.


 63, 27.586,
297.303


 63, 27.586,
297.303


 100, 27.586,
297.303


 53, 27.586,
297.303


 83, 27.586,
297.303

 43, 27.586,
297.303

 93, 27.586,
297.303

 33, 27.586,
297.303

 23, 27.586,
297.303

 13, 27.586,
297.303

 3, 27.586, 297.303

 0, 27.586, 297.303

63, 27.586,
297.303

63, 27.586,
297.303

57, 39.399,
298.495

69, 16.228,
296.269

50, 51.655,
299.852

76, 5.315, 295.383

82, 5.179, 114.614

44, 64.252,
301.355

89, 15.282,
113.964

38, 76.915,
302.940

95, 25.021,
113.405

33, 89.010,
304.475

99, 29.772,
107.914

28, 99.374,
305.735

25, 106.448,
306.454

24, 108.994,

Harmonies

Complementary

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



63, 27.586, 297.303



78, 26.050, 113.032

Rectangle

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



63, 27.586, 297.303



63, 27.586, 347.303



63, 27.586, 117.303



63, 27.586, 167.303

Sweetspot

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



63, 27.585, 297.302



94, 10.575, 295.644



74, 15.019, 210.288



49, 7.537, 295.777



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, 27.585, 297.302



76, 41.441, 297.934



65, 29.386, 314.113



37, 6.010, 295.751



19, 93.982, 306.777



1, 19.538, 294.443

Inverse Universe

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



67, 29.708, 329.430



82, 44.083, 329.761



76, 28.659, 131.921



38, 6.642, 328.481



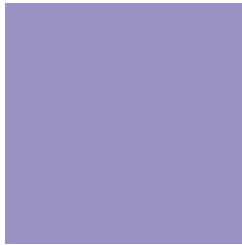
37, 74.398, 333.726



4, 21.588, 330.893

Previews

White Background



This preview shows how the CIELCh color 63, 27.586, 297.303 looks on a white background.

Color Contrast Check

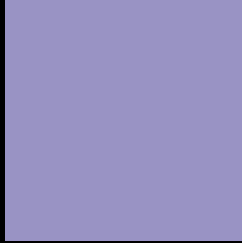
Large Text (above 18pt) WCAG AA × Fail

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 63, 27.586, 297.303 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

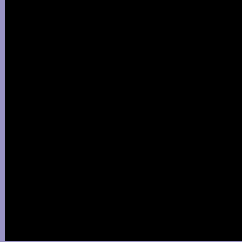
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 27.586, 297.303

Background



This preview shows how black text looks on a background with the CIELCh color 63, 27.586, 297.303.



This preview shows how white text looks on a background with the CIELCh color 63, 27.586, 297.303.

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

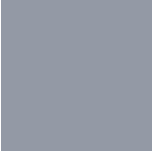
63, 27.586, 297.303

Protanopia

63, 26.973, 285.324

Deuteranopia

63, 25.196, 289.034



Tritanopia
63, 7.022, 272.567

Trichromacy



Original Color
63, 27.586, 297.303

Protanomaly
63, 26.860, 289.471

Deuteranomaly
63, 25.753, 292.160

Tritanomaly
63, 13.999, 288.756

Monochromacy



Original Color
63, 27.586, 297.303

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 10.155, 297.507

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 27.586, 297.303 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, 147, 196)` looks like.

```
.text, #text, p{  
    color:rgb(153, 147, 196)  
}
```

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, 147, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 147, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 27.586, 297.303 is called "border". The border property can be set on classes, ids or directly on the HTML element.

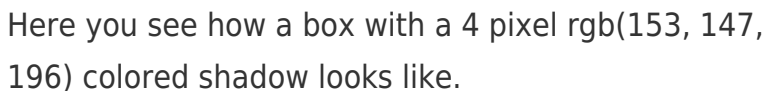
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 147, 196) }
```

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

```
.border{ border-color:rgb(153, 147, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(153, 147, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 147, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 147, 196); box-shadow:4px 4px 4px 4px rgb(153, 147, 196) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 27.586, 297.303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 147, 196) }
```

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

```
.background{ background-color: rgb(153,  
147, 196) }
```

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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