

Converting Colors

CIELCh(63, 6.121, 292.727)

Have a look what the booklet for
CIELCh(63, 6.121, 292.727) contains.

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Color

CIELCh(63, 6.180, 294.325)

Conversions

Conversions Part 1

Format	Color
Hex	9897A2
RGB	152, 151, 162
RGB Percent	60%, 59%, 64%
CMY	0.4025, 0.4064, 0.3632
CMYK	0.06, 0.07, 0.00, 0.36
HSL	245°, 6%, 62%
HSV	245°, 7%, 64%
XYZ	30.7008, 31.5869, 38.8374
YIQ	152.5530, -2.9350, 3.6330

Conversions

Conversions Part 2

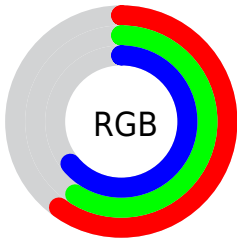
Format	Color
RYB	152, 151, 162
Decimal	10000290
CIELab	63.00, 2.55, -5.63
CIELCh	63, 6.180, 294.325
Yxy	31.5869, 0.3036, 0.3124
Android (android.graphics.Color)	4288190370 (0xFF9897A2)
YUV	152.5530, 4.6574, -0.4850
Hunter-Lab	56.2022, -0.8473, -1.6296

Details

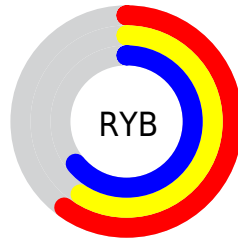
The CIELCh color $63, 6.180, 294.325$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $66, 6.077, 113.198$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $83, 6.370, 293.935$, and $43, 6.050, 294.844$ is the 20% darker color. If you saturate the color by 10%, you get $57, 15.590, 295.270$, and if you desaturate by 10%, it is $69, 2.872, 113.486$.

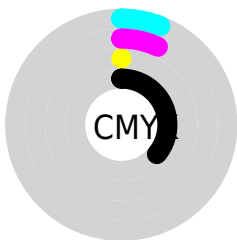
Distribution



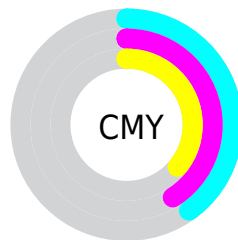
- Red (60%)
- Green (59%)
- Blue (64%)



- Red (60%)
- Yellow (59%)
- Blue (64%)



- Cyan (6%)
- Magenta (7%)
- Yellow (0%)
- Black (36%)



- Cyan (40%)
- Magenta (41%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 6.180, 294.325 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, 6.180, 294.325 by changing the saturation by 10% instead.

■ 63, 6.180, 294.325

■ 63, 6.180, 294.325

100, 6.180,
294.325

■ 53, 6.180, 294.325

■ 83, 6.180, 294.325

■ 43, 6.180, 294.325

■ 93, 6.180, 294.325

■ 33, 6.180, 294.325

■ 23, 6.180, 294.325

■ 13, 6.180, 294.325

■ 3, 6.180, 294.325

■ 0, 6.180, 294.325

■ 63, 6.180, 294.325

■ 63, 6.180, 294.325

■ 57, 15.590,

■ 69, 2.872, 113.486

295.270

74, 11.586,
112.792

52, 25.385,
296.380

79, 19.987,
112.192

46, 35.578,
297.664

85, 28.096,
111.676

41, 46.154,
299.127

90, 35.934,
111.231

35, 57.029,
300.748

96, 43.518,
110.847

30, 67.950,
302.460

98, 46.218,
106.645

26, 78.348,
304.115

22, 87.171,
305.477

20, 93.239,
306.328

Harmonies

Complementary

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



63, 6.180, 294.325



66, 6.077, 113.198

Rectangle

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



63, 6.180, 294.325



63, 6.180, 344.325



63, 6.180, 114.325



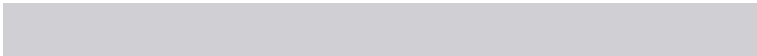
63, 6.180, 164.325

Sweetspot

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



63, 6.178, 294.317



83, 2.249, 293.924



66, 3.796, 206.909



44, 1.289, 293.915



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



63, 6.178, 294.317



79, 9.074, 294.439



63, 6.643, 312.184



32, 5.203, 294.541



16, 87.507, 306.653



0, 7.965, 293.410

Inverse Universe

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



64, 7.016, 327.340



80, 10.286, 327.423



66, 6.583, 131.667



32, 5.890, 327.490



33, 70.892, 332.127



1, 8.947, 327.811

Previews

White Background



This preview shows how the CIELCh color 63, 6.180, 294.325 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, 6.180, 294.325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

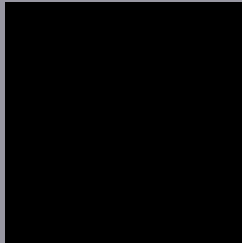
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

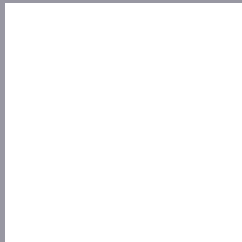
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 6.180, 294.325

Background



This preview shows how black text looks on a background with the CIELCh color 63, 6.180, 294.325.



This preview shows how white text looks on a background with the CIELCh color 63, 6.180, 294.325.

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, 6.180, 294.325

Protanopia

63, 6.180, 294.325

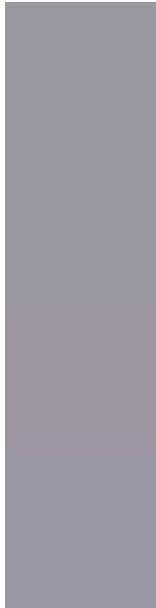
Deuteranopia

63, 9.978, 323.077



Tritanopia
63, 6.774, 297.244

Trichromacy



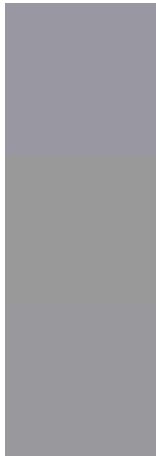
Original Color
63, 6.180, 294.325

Protanomaly
63, 6.180, 294.325

Deuteranomaly
63, 8.586, 314.230

Tritanomaly
63, 6.774, 297.244

Monochromacy



Original Color
63, 6.180, 294.325

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 2.280, 300.053

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 6.180, 294.325 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, 151, 162)` looks like.

```
.text, #text, p{  
    color:rgb(152, 151, 162)  
}
```

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, 151, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 151, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 6.180, 294.325 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, 151, 162) }
```

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

```
.border{ border-color:rgb(152, 151, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 151, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 151, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 151, 162);  
box-shadow:4px 4px 4px 4px rgb(152, 151,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 6.180, 294.325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 151, 162) }
```

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

```
.background{ background-color: rgb(152,  
151, 162) }
```

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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