

Converting Colors

CIELCh(63, 24.272, 193.439)

Have a look what the booklet for
CIELCh(63, 24.272, 193.439)
contains.

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Color

CIELCh(63, 24.435, 193.346)

Conversions

Conversions Part 1

Format	Color
Hex	5BA5A2
RGB	91, 165, 162
RGB Percent	36%, 65%, 64%
CMY	0.6445, 0.3543, 0.3661
CMYK	0.45, 0.00, 0.02, 0.35
HSL	178°, 29%, 50%
HSV	178°, 45%, 65%
XYZ	24.1627, 31.5869, 38.8448
YIQ	142.5320, -43.1410, -16.6210

Conversions

Conversions Part 2

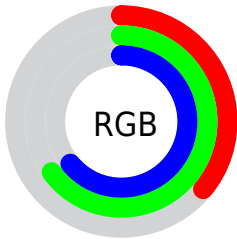
Format	Color
RYB	91, 129, 165
Decimal	6006178
CIELab	63.00, -23.78, -5.64
CIElCh	63, 24.435, 193.346
Yxy	31.5869, 0.2554, 0.3339
Android (android.graphics.Color)	4284196258 (0xFF5BA5A2)
YUV	142.5320, 9.5977, -45.1936
Hunter-Lab	56.2022, -21.6124, -1.6374

Details

The CIELCh color **63, 24.435, 193.346** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **47, 32.731, 21.042**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 24.217, 193.950**, and **43, 24.591, 192.410** is the 20% darker color. If you saturate the color by 10%, you get **62, 28.400, 192.794**, and if you desaturate by 10%, it is **64, 19.825, 193.916**.

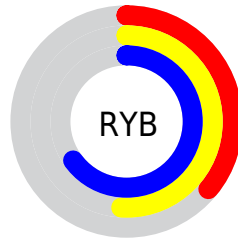
Distribution



Red (36%)

Green (65%)

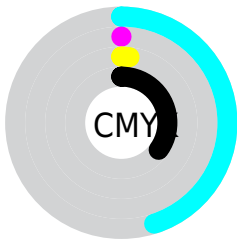
Blue (64%)



Red (36%)

Yellow (51%)

Blue (65%)

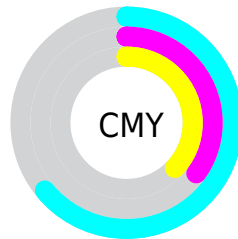


Cyan (45%)

Magenta (0%)

Yellow (2%)

Black (35%)



Cyan (64%)

Magenta (35%)


Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 24.435, 193.346 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, 24.435, 193.346 by changing the saturation by 10% instead.

 63, 24.435,
193.346


 63, 24.435,
193.346


 100, 24.435,
193.346


 53, 24.435,
193.346


 83, 24.435,
193.346

 43, 24.435,
193.346

 93, 24.435,
193.346

 33, 24.435,
193.346

 23, 24.435,
193.346

 13, 24.435,
193.346

 3, 24.435, 193.346

 0, 24.435, 193.346

63, 24.435,
193.346

63, 24.435,
193.346

62, 28.400,
192.794

64, 19.825,
193.916

62, 31.650,
192.261

65, 14.660,
194.514

61, 34.144,
191.737

66, 9.039, 195.144

61, 35.882,
191.214

67, 3.059, 195.875

68, 3.188, 16.215

61, 36.922,
190.680

70, 9.621, 16.969

61, 37.319,
190.409

71, 16.173, 17.650

73, 22.787, 18.321

75, 29.419, 18.988

Harmonies

Complementary

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



63, 24.435, 193.346



47, 32.731, 21.042

Rectangle

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



63, 24.435, 193.346



63, 24.435, 243.346



63, 24.435, 13.346



63, 24.435, 63.346

Sweetspot

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



63, 24.435, 193.344



84, 9.782, 195.256



62, 48.987, 139.913



44, 6.797, 195.117



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, 24.435, 193.344



79, 34.566, 192.791



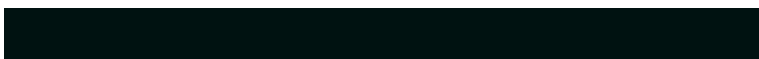
53, 22.665, 257.465



34, 3.443, 195.530



54, 34.044, 190.469



4, 5.486, 194.970

Inverse Universe

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



47, 32.731, 21.042



56, 49.908, 23.140



55, 26.850, 64.780



32, 3.631, 16.621



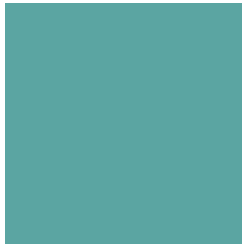
30, 66.656, 37.636



1, 5.475, 16.352

Previews

White Background



This preview shows how the CIELCh color 63, 24.435, 193.346 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, 24.435, 193.346 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, 24.435, 193.346

Background



This preview shows how black text looks on a background with the CIELCh color 63, 24.435, 193.346.

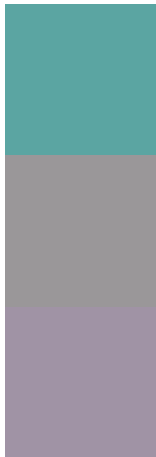


This preview shows how white text looks on a background with the CIELCh color 63, 24.435, 193.346.

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, 24.435, 193.346

Protanopia
63, 1.622, 335.621

Deuteranopia
63, 11.267, 316.870



Tritanopia
63, 22.488, 216.742

Trichromacy



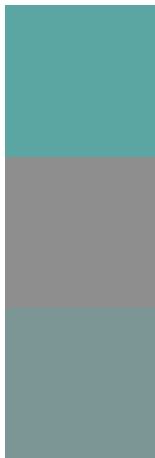
Original Color
63, 24.435, 193.346

Protanomaly
63, 9.193, 198.620

Deuteranomaly
62, 8.844, 243.404

Tritanomaly
63, 22.974, 207.440

Monochromacy



Original Color
63, 24.435, 193.346

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 10.004, 195.260

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 24.435, 193.346 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(91, 165, 162)` looks like.

```
.text, #text, p{  
    color:rgb(91, 165, 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(91, 165, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 165, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 24.435, 193.346 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(91, 165, 162) }
```

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

```
.border{ border-color:rgb(91, 165, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 165, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 165, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 165, 162);  
box-shadow:4px 4px 4px 4px rgb(91, 165,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 24.435, 193.346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 165, 162) }
```

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

```
.background{ background-color: rgb(91, 165,  
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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