

Converting Colors

CIELCh(63, 24.393, 195.351)

Have a look what the booklet for
CIELCh(63, 24.393, 195.351)
contains.

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Color

CIELCh(63, 24.562, 194.679)

Conversions

Conversions Part 1

Format	Color
Hex	5AA5A3
RGB	90, 165, 163
RGB Percent	35%, 65%, 64%
CMY	0.6483, 0.3542, 0.3620
CMYK	0.46, 0.00, 0.01, 0.35
HSL	178°, 29%, 50%
HSV	178°, 46%, 65%
XYZ	24.1661, 31.5869, 39.3263
YIQ	142.3470, -44.0580, -16.5220

Conversions

Conversions Part 2

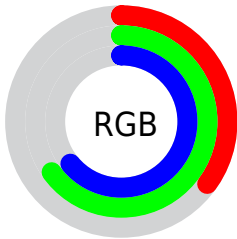
Format	Color
RYB	90, 128, 165
Decimal	5940643
CIELab	63.00, -23.76, -6.22
CIELCh	63, 24.562, 194.679
Yxy	31.5869, 0.2542, 0.3322
Android (android.graphics.Color)	4284130723 (0xFF5AA5A3)
YUV	142.3470, 10.1819, -45.9083
Hunter-Lab	56.2022, -21.6016, -2.1454

Details

The CIELCh color **63, 24.562, 194.679** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **47, 33.339, 22.175**, and the grayscale version is **59, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 24.395, 195.222**, and **43, 24.739, 193.837** is the 20% darker color. If you saturate the color by 10%, you get **62, 28.434, 194.205**, and if you desaturate by 10%, it is **64, 20.033, 195.183**.

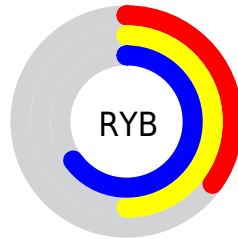
Distribution



Red (35%)

Green (65%)

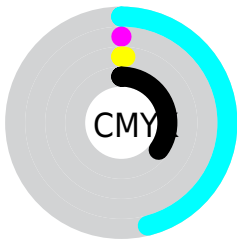
Blue (64%)



Red (35%)

Yellow (50%)

Blue (65%)

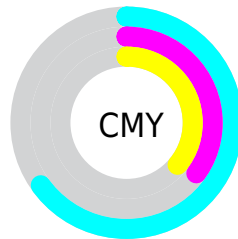


Cyan (46%)

Magenta (0%)

Yellow (1%)

Black (35%)



Cyan (65%)

Magenta (35%)


Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 24.562, 194.679 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, 24.562, 194.679 by changing the saturation by 10% instead.

 63, 24.562,
194.679


 63, 24.562,
194.679


 100, 24.562,
194.679


 53, 24.562,
194.679


 83, 24.562,
194.679

 43, 24.562,
194.679

 93, 24.562,
194.679

 33, 24.562,
194.679

 23, 24.562,
194.679

 13, 24.562,
194.679

 3, 24.562, 194.679

 0, 24.562, 194.679

63, 24.562,
194.679

63, 24.562,
194.679

62, 28.434,
194.205

64, 20.033,
195.183

62, 31.583,
193.766

65, 14.935,
195.726

62, 33.972,
193.354

66, 9.365, 196.310

61, 35.607,
192.961

67, 3.421, 196.989

68, 2.805, 17.293

61, 36.554,
192.579

70, 9.231, 18.040

61, 36.877,
192.411

71, 15.788, 18.701

73, 22.418, 19.355

75, 29.075, 20.007

Harmonies

Complementary

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



63, 24.562, 194.679



47, 33.339, 22.175

Rectangle

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



63, 24.562, 194.679



63, 24.562, 244.679



63, 24.562, 14.679



63, 24.562, 64.679

Sweetspot

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



63, 24.562, 194.677



84, 10.483, 196.389



61, 49.856, 140.219



44, 7.185, 196.263



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, 24.562, 194.677



79, 34.780, 194.184



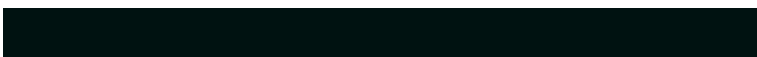
53, 23.360, 259.641



34, 3.437, 196.712



54, 33.641, 192.451



4, 5.474, 196.473

Inverse Universe

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



47, 33.339, 22.175



56, 51.180, 24.377



55, 27.348, 66.433



32, 3.629, 17.743



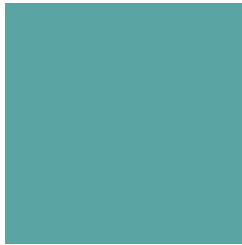
30, 67.131, 38.201



1, 5.470, 17.395

Previews

White Background



This preview shows how the CIELCh color 63, 24.562, 194.679 looks on a white background.

Color Contrast Check

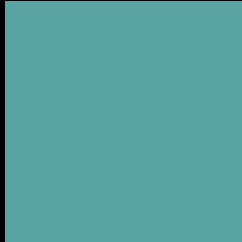
Large Text (above 18pt) WCAG AA × Fail

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, 24.562, 194.679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

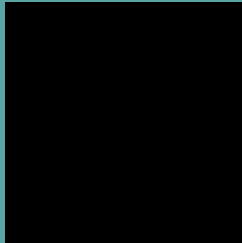
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 24.562, 194.679

Background



This preview shows how black text looks on a background with the CIELCh color 63, 24.562, 194.679.

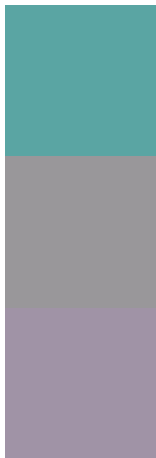


This preview shows how white text looks on a background with the CIELCh color 63, 24.562, 194.679.

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, 24.562, 194.679

Protanopia
63, 1.861, 314.672

Deuteranopia
63, 11.770, 315.689



Tritanopia
63, 22.726, 216.519

Trichromacy



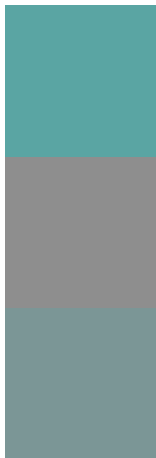
Original Color
63, 24.562, 194.679

Protanomaly
62, 9.517, 201.987

Deuteranomaly
62, 9.457, 244.547

Tritanomaly
63, 23.221, 207.315

Monochromacy



Original Color
63, 24.562, 194.679

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 9.944, 198.521

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 24.562, 194.679 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(90, 165, 163)` looks like.

```
.text, #text, p{  
    color:rgb(90, 165, 163)  
}
```

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(90, 165, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 165, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 24.562, 194.679 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(90, 165, 163) }
```

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

```
.border{ border-color:rgb(90, 165, 163) }
```

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

Here you see how a box with a 4 pixel rgb(90, 165, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 165, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 165, 163);  
box-shadow:4px 4px 4px 4px rgb(90, 165,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 24.562, 194.679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 165, 163) }
```

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

```
.background{ background-color: rgb(90, 165,  
163) }
```

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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