

Converting Colors

CIELCh(63, 26.248, 197.179)

Have a look what the booklet for
CIELCh(63, 26.248, 197.179)
contains.

CIELCh(63, 26.268, 197.186)	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, 26.268, 197.186)

Conversions

Conversions Part 1

Format	Color
Hex	52A5A5
RGB	82, 165, 165
RGB Percent	32%, 65%, 65%
CMY	0.6769, 0.3515, 0.3515
CMYK	0.50, 0.00, 0.00, 0.35
HSL	180°, 33%, 49%
HSV	180°, 50%, 65%
XYZ	23.8619, 31.5869, 40.6136
YIQ	140.1830, -49.4680, -17.5960

Conversions

Conversions Part 2

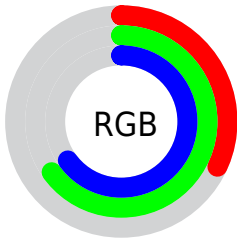
Format	Color
R _Y B	82, 124, 165
Decimal	5416357
CIE Lab	63.00, -25.10, -7.76
CIE LCh	63, 26.268, 197.186
Yxy	31.5869, 0.2484, 0.3288
Android (android.graphics.Color)	4283606437 (0xFF52A5A5)
YUV	140.1830, 12.2348, -51.0265
Hunter-Lab	56.2022, -22.5679, -3.5034

Details

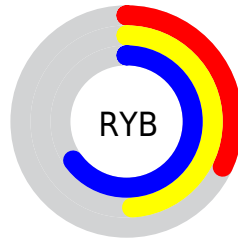
The CIELCh color **63, 26.268, 197.186** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **45, 37.636, 24.992**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **83, 26.120, 197.618**, and **43, 26.373, 196.503** is the 20% darker color. If you saturate the color by 10%, you get **62, 29.727, 196.901**, and if you desaturate by 10%, it is **64, 22.104, 197.530**.

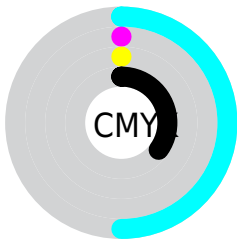
Distribution



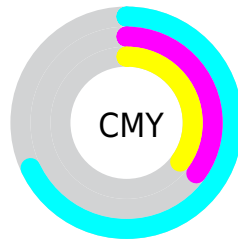
- Red (32%)
- Green (65%)
- Blue (65%)



- Red (32%)
- Yellow (49%)
- Blue (65%)



- Cyan (50%)
- Magenta (0%)
- Yellow (0%)
- Black (35%)





- Cyan (68%)
- Magenta (35%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 26.268, 197.186 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, 26.268, 197.186 by changing the saturation by 10% instead.


 63, 26.268,
197.186


 63, 26.268,
197.186


 100, 26.268,
197.186


 53, 26.268,
197.186


 83, 26.268,
197.186

 43, 26.268,
197.186

 93, 26.268,
197.186

 33, 26.268,
197.186

 23, 26.268,
197.186

 13, 26.268,
197.186

 3, 26.268, 197.186

 0, 26.268, 197.186

63, 26.268,
197.186

63, 26.268,
197.186

62, 29.727,
196.901

64, 22.104,
197.530

62, 32.433,
196.682

65, 17.313,
197.936

62, 34.373,
196.527

66, 11.985,
198.400

62, 35.580,
196.431

67, 6.219, 198.934

61, 36.242,
196.377

68, 0.110, 203.766

69, 6.256, 19.879

71, 12.800, 20.505

72, 19.458, 21.121

74, 26.177, 21.740

Harmonies

Complementary

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



63, 26.268, 197.186



45, 37.636, 24.992

Rectangle

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



63, 26.268, 197.186



63, 26.268, 247.186



63, 26.268, 17.186



63, 26.268, 67.186

Sweetspot

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



63, 26.268, 197.184



83, 11.161, 198.650



61, 54.993, 140.099



44, 7.557, 198.547



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, 26.268, 197.184



79, 36.378, 196.878



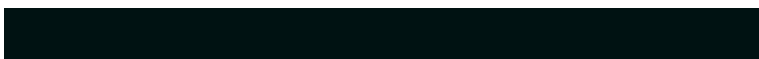
51, 26.175, 262.829



34, 3.428, 198.989



54, 32.968, 196.378



4, 5.463, 199.415

Inverse Universe

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



45, 37.636, 24.992



54, 57.025, 27.511



55, 30.695, 67.576



32, 3.629, 19.898



30, 68.061, 39.262



1, 5.464, 19.400

Previews

White Background



This preview shows how the CIELCh color 63, 26.268, 197.186 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, 26.268, 197.186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

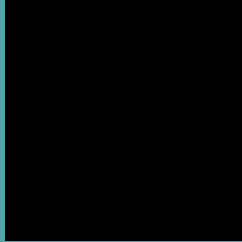
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 26.268, 197.186

Background



This preview shows how black text looks on a background with the CIELCh color 63, 26.268, 197.186.

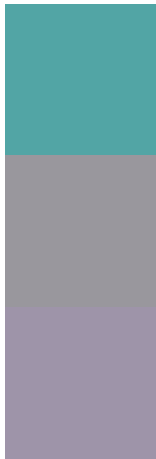


This preview shows how white text looks on a background with the CIELCh color 63, 26.268, 197.186.

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, 26.268, 197.186

Protanopia
63, 3.460, 303.236

Deuteranopia
63, 12.396, 308.793



Tritanopia
63, 24.786, 214.739

Trichromacy



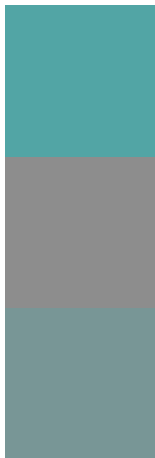
Original Color
63, 26.268, 197.186

Protanomaly
62, 10.634, 210.770

Deuteranomaly
62, 11.143, 243.883

Tritanomaly
63, 25.115, 207.744

Monochromacy



Original Color
63, 26.268, 197.186

Achromatopsia
59, 0.008, 296.813

Achromatomaly
60, 10.982, 198.422

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 26.268, 197.186 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(82, 165, 165)` looks like.

```
.text, #text, p{  
    color:rgb(82, 165, 165)  
}
```

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(82, 165, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 165, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 26.268, 197.186 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(82, 165, 165) }
```

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

```
.border{ border-color:rgb(82, 165, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 165, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 165, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 165, 165);  
box-shadow:4px 4px 4px 4px rgb(82, 165,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 26.268, 197.186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 165, 165) }
```

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

```
.background{ background-color: rgb(82, 165,  
165) }
```

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