

Converting Colors

CIELCh(63, 35.250, 163.958)

Have a look what the booklet for
CIELCh(63, 35.250, 163.958)
contains.

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Color

CIELCh(63, 35.186, 163.789)

Conversions

Conversions Part 1

Format	Color
Hex	54A886
RGB	84, 168, 134
RGB Percent	33%, 66%, 53%
CMY	0.6708, 0.3414, 0.4747
CMYK	0.50, 0.00, 0.20, 0.34
HSL	156°, 33%, 49%
HSV	156°, 50%, 66%
XYZ	21.9431, 31.5869, 27.4754
YIQ	139.0080, -39.1500, -28.3820

Conversions

Conversions Part 2

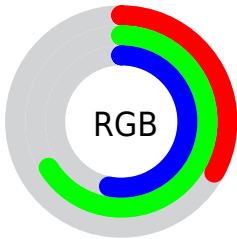
Format	Color
RYB	84, 137, 168
Decimal	5548166
CIELab	63.00, -33.79, 9.82
CIElCh	63, 35.186, 163.789
Yxy	31.5869, 0.2709, 0.3899
Android (android.graphics.Color)	4283738246 (0xFF54A886)
YUV	139.0080, -2.4689, -48.2420
Hunter-Lab	56.2022, -28.6620, 10.3566

Details

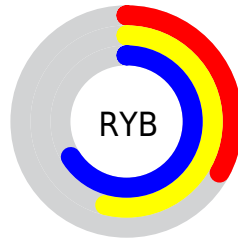
The CIELCh color **63, 35.186, 163.789** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **47, 38.562, 355.082**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **83, 35.365, 163.459**, and **43, 35.224, 163.703** is the 20% darker color. If you saturate the color by 10%, you get **62, 41.137, 162.330**, and if you desaturate by 10%, it is **64, 28.720, 165.088**.

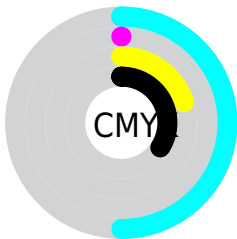
Distribution



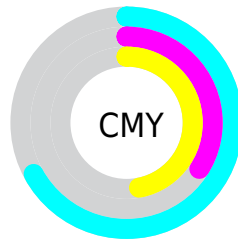
- Red (33%)
- Green (66%)
- Blue (53%)



- Red (33%)
- Yellow (54%)
- Blue (66%)



- Cyan (50%)
- Magenta (0%)
- Yellow (20%)
- Black (34%)





- Cyan (67%)
- Magenta (34%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 35.186, 163.789 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, 35.186, 163.789 by changing the saturation by 10% instead.


 63, 35.186,
163.789


 63, 35.186,
163.789


 100, 35.186,
163.789


 53, 35.186,
163.789


 83, 35.186,
163.789

 43, 35.186,
163.789

 93, 35.186,
163.789

 33, 35.186,
163.789

 23, 35.186,
163.789

 13, 35.186,
163.789

 3, 35.186, 163.789

 0, 35.186, 163.789

63, 35.186,
163.789

63, 35.186,
163.789

62, 41.137,
162.330

64, 28.720,
165.088

62, 46.469,
160.691

65, 21.853,
166.256

61, 51.116,
158.853

66, 14.707,
167.314

61, 55.067,
156.808

67, 7.393, 168.296

61, 58.478,
154.656

69, 0.009, 215.627

70, 7.373, 349.880

72, 14.683,
350.662

74, 21.878,
351.380

■ 76, 28.927,
352.052

Harmonies

Complementary

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



63, 35.186, 163.789



47, 38.562, 355.082

Rectangle

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



63, 35.186, 163.789



63, 35.186, 213.789



63, 35.186, 343.789



63, 35.186, 33.789

Sweetspot

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



63, 35.187, 163.788



85, 13.731, 167.786



64, 49.343, 129.640



45, 9.344, 167.587



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



63, 35.187, 163.788



79, 50.933, 162.161



62, 24.396, 206.757



35, 4.185, 168.366



54, 53.008, 154.917



5, 8.077, 164.627

Inverse Universe

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



47, 38.562, 355.082



56, 56.472, 357.252



48, 35.589, 30.518



33, 4.261, 349.894



31, 56.374, 10.209



2, 7.407, 352.694

Previews

White Background



This preview shows how the CIELCh color 63, 35.186, 163.789 looks on a white background.

Color Contrast Check

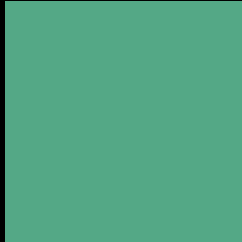
Large Text (above 18pt) WCAG AA × Fail

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, 35.186, 163.789 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, 35.186, 163.789

Background



This preview shows how black text looks on a background with the CIELCh color 63, 35.186, 163.789.

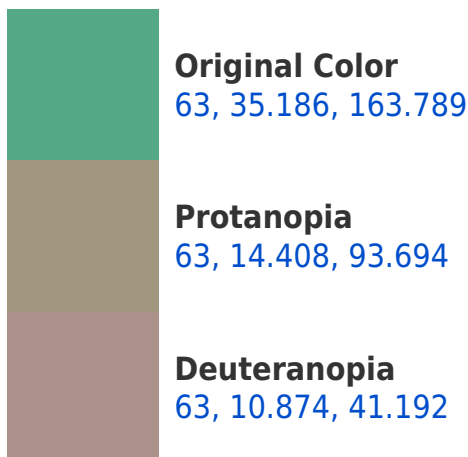


This preview shows how white text looks on a background with the CIELCh color 63, 35.186, 163.789.

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





Tritanopia
63, 22.005, 217.229

Trichromacy



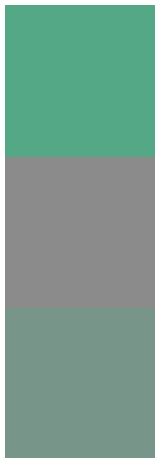
Original Color
63, 35.186, 163.789

Protanomaly
62, 18.540, 140.572

Deuteranomaly
62, 11.224, 140.681

Tritanomaly
63, 24.057, 191.949

Monochromacy



Original Color
63, 35.186, 163.789

Achromatopsia
58, 0.007, 296.813

Achromatomaly
59, 13.990, 166.395

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 35.186, 163.789 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(84, 168, 134)` looks like.

```
.text, #text, p{  
    color:rgb(84, 168, 134)  
}
```

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(84, 168, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 168, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 35.186, 163.789 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(84, 168, 134) }
```

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

```
.border{ border-color:rgb(84, 168, 134) }
```

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

Here you see how a box with a 4 pixel rgb(84, 168, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 168, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 168, 134);  
box-shadow:4px 4px 4px 4px rgb(84, 168,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 35.186, 163.789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 168, 134) }
```

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

```
.background{ background-color: rgb(84, 168,  
134) }
```

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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