

Converting Colors

CIELCh(63, 36.529, 248.152)

Have a look what the booklet for
CIELCh(63, 36.529, 248.152)
contains.

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Color

CIELCh(63, 36.618, 248.420)

Conversions

Conversions Part 1

Format	Color
Hex	39A2D4
RGB	57, 162, 212
RGB Percent	22%, 64%, 83%
CMY	0.7748, 0.3636, 0.1675
CMYK	0.73, 0.24, 0.00, 0.17
HSL	199°, 64%, 53%
HSV	199°, 73%, 83%
XYZ	26.5991, 31.5869, 67.1729
YIQ	136.3050, -78.6300, -6.7100

Conversions

Conversions Part 2

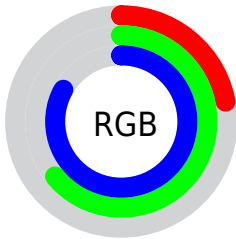
Format	Color
RYB	57, 120, 212
Decimal	3777236
CIELab	63.00, -13.47, -34.05
CIELCh	63, 36.618, 248.420
Yxy	31.5869, 0.2122, 0.2520
Android (android.graphics.Color)	4281967316 (0xFF39A2D4)
YUV	136.3050, 37.3176, -69.5505
Hunter-Lab	56.2022, -13.8743, -31.5218

Details

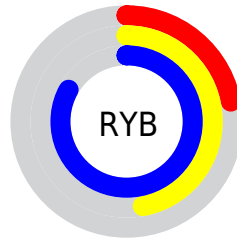
The CIELCh color **63, 36.618, 248.420** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle muted azure. A complement of this color would be **57, 59.337, 50.571**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 32.256, 236.965**, and **44, 33.852, 255.305** is the 20% darker color. If you saturate the color by 10%, you get **61, 39.757, 252.510**, and if you desaturate by 10%, it is **66, 33.030, 245.003**.

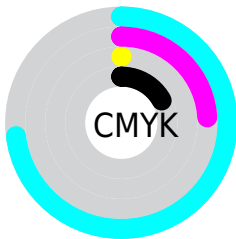
Distribution



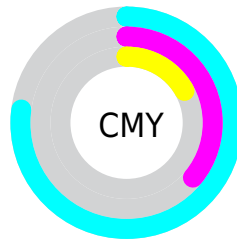
- Red (22%)
- Green (64%)
- Blue (83%)



- Red (22%)
- Yellow (47%)
- Blue (83%)



- Cyan (73%)
- Magenta (24%)
- Yellow (0%)
- Black (17%)





- Cyan (77%)
- Magenta (36%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 36.618, 248.420 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, 36.618, 248.420 by changing the saturation by 10% instead.


 63, 36.618,
248.420


 63, 36.618,
248.420


 100, 36.618,
248.420


 53, 36.618,
248.420


 83, 36.618,
248.420

 43, 36.618,
248.420

 93, 36.618,
248.420

 33, 36.618,
248.420

 23, 36.618,
248.420

 13, 36.618,
248.420

 3, 36.618, 248.420

 0, 36.618, 248.420

■ 63, 36.618,
248.420

■ 63, 36.618,
248.420

■ 61, 39.757,
252.510

■ 66, 33.030,
245.003

■ 58, 42.582,
257.247

■ 68, 28.935,
242.210

■ 57, 44.531,
260.793

■ 71, 24.332,
239.959

■ 74, 19.258,
238.159

■ 77, 13.775,
236.731

■ 81, 7.950, 235.613

■ 84, 1.850, 234.913

■ 87, 4.464, 53.789

Harmonies

Complementary

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



63, 36.618, 248.420



57, 59.337, 50.571

Rectangle

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



63, 36.618, 248.420



63, 36.618, 298.420



63, 36.618, 68.420



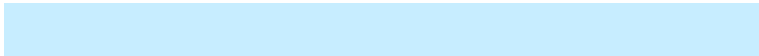
63, 36.618, 118.420

Sweetspot

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



63, 36.617, 248.420



92, 15.347, 236.640



76, 74.370, 146.647



48, 10.242, 236.993



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 36.617, 248.420



70, 47.621, 255.266



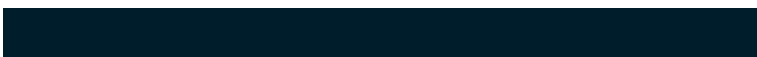
42, 75.632, 295.793



43, 3.533, 235.290



46, 37.562, 259.946



10, 13.488, 248.810

Inverse Universe

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



51, 72.267, 341.963



58, 89.908, 344.544



75, 64.357, 92.722



42, 6.257, 335.851



38, 67.489, 346.469



6, 26.050, 342.433

Previews

White Background



This preview shows how the CIE LCh color 63, 36.618, 248.420 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, 36.618, 248.420 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

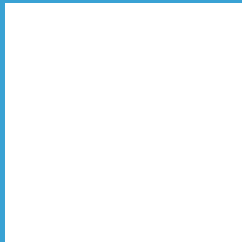
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 63, 36.618, 248.420

Background



This preview shows how black text looks on a background with the CIELCh color 63, 36.618, 248.420.

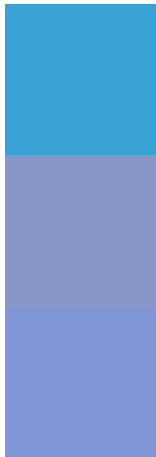


This preview shows how white text looks on a background with the CIELCh color 63, 36.618, 248.420.

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, 36.618, 248.420

Protanopia

63, 29.271, 285.020

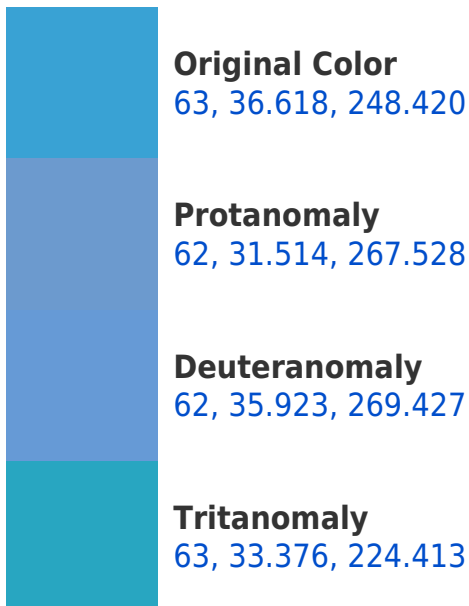
Deuteranopia

63, 36.705, 283.536

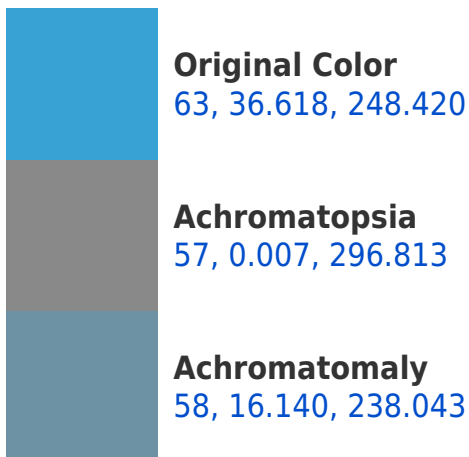


Tritanopia
63, 33.916, 210.309

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 36.618, 248.420 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(57, 162, 212)` looks like.

```
.text, #text, p{  
    color:rgb(57, 162, 212)  
}
```

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(57, 162, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 162, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 36.618, 248.420 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(57, 162, 212) }
```

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

```
.border{ border-color:rgb(57, 162, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 162, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 162, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 162, 212);  
box-shadow:4px 4px 4px 4px rgb(57, 162,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 36.618, 248.420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 162, 212) }
```

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

```
.background{ background-color: rgb(57, 162,  
212) }
```

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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