

Converting Colors

CIELCh(59, 56.585, 221.342)

Have a look what the booklet for
CIELCh(59, 56.585, 221.342)
contains.

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Color

CIELCh(63, 37.515, 236.738)

Conversions

Conversions Part 1

Format	Color
Hex	07A5CF
RGB	7, 165, 207
RGB Percent	3%, 65%, 81%
CMY	0.9730, 0.3517, 0.1868
CMYK	0.97, 0.20, 0.00, 0.19
HSL	193°, 94%, 42%
HSV	193°, 97%, 81%
XYZ	24.9023, 31.5869, 64.0478
YIQ	122.5460, -107.6500, -20.4340

Conversions

Conversions Part 2

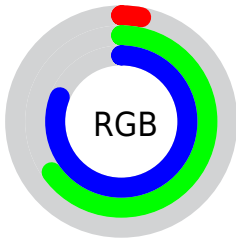
Format	Color
RYB	7, 95, 207
Decimal	501199
CIELab	63.00, -20.58, -31.37
CIELCh	63, 37.515, 236.738
Yxy	31.5869, 0.2066, 0.2621
Android (android.graphics.Color)	4278691279 (0xFF07A5CF)
YUV	122.5460, 41.6358, -101.3338
Hunter-Lab	56.2022, -19.2634, -28.2251

Details

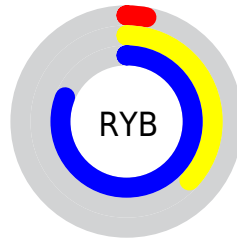
The CIELCh color **63, 37.515, 236.738** is a dark color, and the websafe version is hex **0099CC**. The color can be described as dark washed azure. A complement of this color would be **46, 82.495, 43.513**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **83, 35.552, 229.362**, and **44, 31.192, 246.811** is the 20% darker color. If you saturate the color by 10%, you get **63, 37.837, 238.045**, and if you desaturate by 10%, it is **64, 36.422, 232.982**.

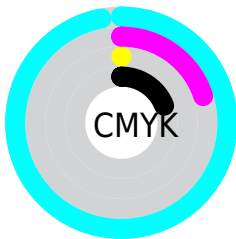
Distribution



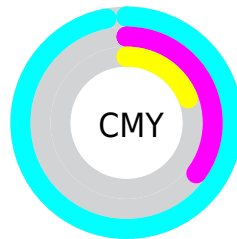
- Red (3%)
- Green (65%)
- Blue (81%)



- Red (3%)
- Yellow (37%)
- Blue (81%)



- Cyan (97%)
- Magenta (20%)
- Yellow (0%)
- Black (19%)





- Cyan (97%)
- Magenta (35%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 37.515, 236.738 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, 37.515, 236.738 by changing the saturation by 10% instead.


 63, 37.515,
236.738


 63, 37.515,
236.738


 100, 37.515,
236.738


 53, 37.515,
236.738


 83, 37.515,
236.738

 43, 37.515,
236.738


 93, 37.515,
236.738

 33, 37.515,
236.738

 23, 37.515,
236.738

 13, 37.515,
236.738

 3, 37.515, 236.738

 0, 37.515, 236.738

■ 63, 37.515,
236.738

■ 63, 37.515,
236.738

■ 63, 37.837,
238.045

■ 64, 36.422,
232.982

■ 66, 34.749,
229.869

■ 68, 32.368,
227.372

■ 70, 29.238,
225.412

■ 72, 25.380,
223.902

■ 74, 20.856,
222.760

■ 76, 15.752,
221.916

■ 79, 10.163,

221.315

■ 81, 4.179, 220.957

Harmonies

Complementary

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



63, 37.515, 236.738



46, 82.495, 43.513

Rectangle

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



63, 37.515, 236.738



63, 37.515, 286.738



63, 37.515, 56.738



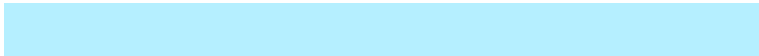
63, 37.515, 106.738

Sweetspot

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



63, 37.514, 236.738



91, 20.060, 222.115



73, 95.184, 138.897



47, 13.543, 222.477



0, 0.000, 0.000



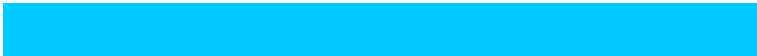
53, 0.007, 296.813

Same Dimension

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



63, 37.514, 236.738



76, 44.295, 238.593



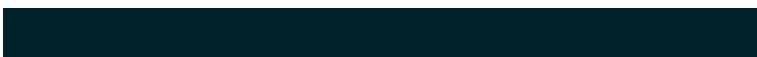
35, 85.677, 297.586



43, 3.548, 221.022



51, 32.333, 237.381



11, 12.198, 228.561

Inverse Universe

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



47, 83.755, 338.474



58, 97.951, 339.017



65, 70.051, 79.302



41, 6.649, 331.432



38, 72.050, 338.668



5, 26.456, 336.126

Previews

White Background



This preview shows how the CIE LCh color 63, 37.515, 236.738 looks on a white background.

Color Contrast Check

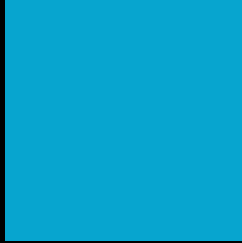
Large Text (above 18pt) WCAG AA × Fail

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, 37.515, 236.738 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

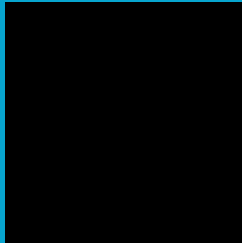
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 37.515, 236.738

Background



This preview shows how black text looks on a background with the CIELCh color 63, 37.515, 236.738.

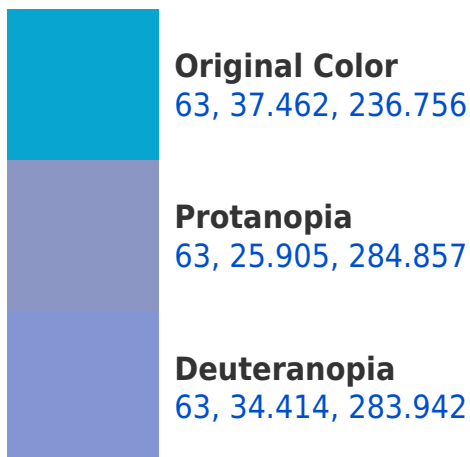


This preview shows how white text looks on a background with the CIELCh color 63, 37.515, 236.738.

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, 35.353, 209.647

Trichromacy



Original Color
63, 37.462, 236.756



Protanomaly
62, 30.104, 254.225



Deuteranomaly
62, 34.793, 259.912



Tritanomaly
63, 35.252, 219.601

Monochromacy



Original Color
63, 37.462, 236.756



Achromatopsia
52, 0.007, 296.813



Achromatomaly
54, 20.206, 225.243

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 37.515, 236.738 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(7, 165, 207)` looks like.

```
.text, #text, p{  
    color:rgb(7, 165, 207)  
}
```

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(7, 165, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 165, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 37.515, 236.738 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(7, 165, 207) }
```

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

```
.border{ border-color:rgb(7, 165, 207) }
```

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

Here you see how a box with a 4 pixel rgb(7, 165, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 165, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 165, 207);  
box-shadow:4px 4px 4px 4px rgb(7, 165,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 37.515, 236.738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 165, 207) }
```

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

```
.background{ background-color: rgb(7, 165,  
207) }
```

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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