

Converting Colors

CIELCh(63, 34.691, 215.910)

Have a look what the booklet for
CIELCh(63, 34.691, 215.910)
contains.

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Color

CIELCh(63, 34.738, 215.881)

Conversions

Conversions Part 1

Format	Color
Hex	10A8BC
RGB	16, 168, 188
RGB Percent	6%, 66%, 74%
CMY	0.9386, 0.3427, 0.2642
CMYK	0.92, 0.11, 0.00, 0.26
HSL	187°, 85%, 40%
HSV	187°, 92%, 74%
XYZ	23.1762, 31.5869, 52.2361
YIQ	124.8320, -97.0120, -26.0040

Conversions

Conversions Part 2

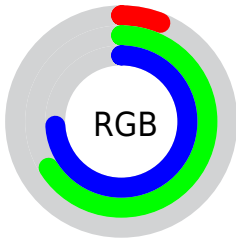
Format	Color
RYB	16, 97, 188
Decimal	1091772
CIELab	63.00, -28.15, -20.36
CIElCh	63, 34.738, 215.881
Yxy	31.5869, 0.2166, 0.2952
Android (android.graphics.Color)	4279281852 (0xFF10A8BC)
YUV	124.8320, 31.1418, -95.4457
Hunter-Lab	56.2022, -24.7457, -15.7644

Details

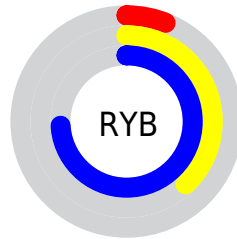
The CIELCh color **63, 34.738, 215.881** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **41, 75.793, 40.192**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **83, 34.782, 215.194**, and **44, 27.204, 223.453** is the 20% darker color. If you saturate the color by 10%, you get **62, 35.053, 217.542**, and if you desaturate by 10%, it is **64, 33.862, 214.179**.

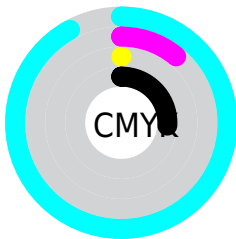
Distribution



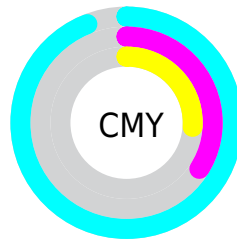
- Red (6%)
- Green (66%)
- Blue (74%)



- Red (6%)
- Yellow (38%)
- Blue (74%)



- Cyan (92%)
- Magenta (11%)
- Yellow (0%)
- Black (26%)





- Cyan (94%)
- Magenta (34%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 34.738, 215.881 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, 34.738, 215.881 by changing the saturation by 10% instead.


 63, 34.738,
215.881


 63, 34.738,
215.881


 100, 34.738,
215.881


 53, 34.738,
215.881


 83, 34.738,
215.881

 43, 34.738,
215.881

 93, 34.738,
215.881

 33, 34.738,
215.881

 23, 34.738,
215.881

 13, 34.738,
215.881

 3, 34.738, 215.881

 0, 34.738, 215.881

63, 34.738,
215.881

63, 34.738,
215.881

62, 35.053,
217.542

64, 33.862,
214.179

65, 32.222,
212.848

66, 29.772,
211.845

67, 26.528,
211.122

69, 22.544,
210.636

70, 17.905,
210.345

72, 12.706,
210.216

74, 7.048, 210.234

Harmonies

Complementary

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



63, 34.738, 215.881



41, 75.793, 40.192

Rectangle

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



63, 34.738, 215.881



63, 34.738, 265.881



63, 34.738, 35.881



63, 34.738, 85.881

Sweetspot

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



63, 34.737, 215.880



90, 19.270, 210.272



67, 90.073, 137.684



47, 12.810, 210.329



98, 0.011, 296.813



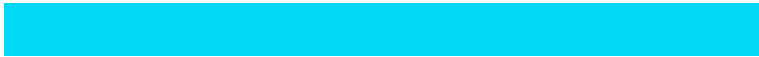
51, 0.007, 296.813

Same Dimension

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



63, 34.737, 215.880



80, 42.755, 217.940



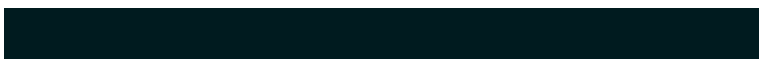
38, 63.203, 289.242



39, 3.466, 210.264



53, 30.911, 217.233



8, 10.050, 213.773

Inverse Universe

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



44, 82.637, 333.019



56, 102.123, 333.583



56, 62.835, 71.493



37, 6.526, 328.286



36, 73.884, 333.408



3, 19.158, 329.999

Previews

White Background



This preview shows how the CIELCh color 63, 34.738, 215.881 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, 34.738, 215.881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

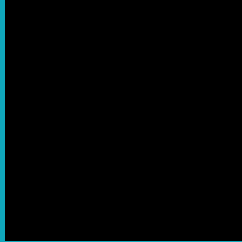
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 34.738, 215.881

Background



This preview shows how black text looks on a background with the CIELCh color 63, 34.738, 215.881.

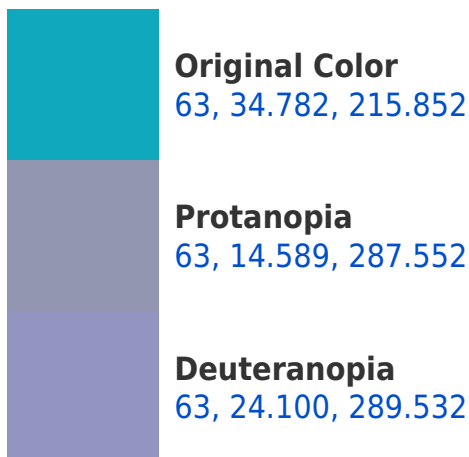


This preview shows how white text looks on a background with the CIELCh color 63, 34.738, 215.881.

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, 34.782, 215.852



Protanomaly
61, 21.978, 236.370



Deuteranomaly
62, 25.322, 247.797



Tritanomaly
63, 35.108, 211.700

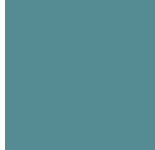
Monochromacy



Original Color
63, 34.782, 215.852



Achromatopsia
52, 0.007, 296.813



Achromatomaly
55, 18.783, 210.201

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 34.738, 215.881 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(16, 168, 188)` looks like.

```
.text, #text, p{  
    color:rgb(16, 168, 188)  
}
```

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(16, 168, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 168, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 34.738, 215.881 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(16, 168, 188) }
```

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

```
.border{ border-color:rgb(16, 168, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 168, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 168, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 168, 188);  
box-shadow:4px 4px 4px 4px rgb(16, 168,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 34.738, 215.881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 168, 188) }
```

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

```
.background{ background-color: rgb(16, 168,  
188) }
```

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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