

Converting Colors

CIELCh(64, 41.508, 212.469)

Have a look what the booklet for
CIELCh(64, 41.508, 212.469)
contains.

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Color

CIELCh(65, 36.112, 215.939)

Conversions

Conversions Part 1

Format	Color
Hex	03AEC3
RGB	3, 174, 195
RGB Percent	1%, 68%, 76%
CMY	0.9886, 0.3193, 0.2369
CMYK	0.99, 0.11, 0.00, 0.24
HSL	187°, 97%, 39%
HSV	187°, 99%, 76%
XYZ	24.8927, 34.0472, 56.6415
YIQ	125.2650, -108.6570, -29.7210

Conversions

Conversions Part 2

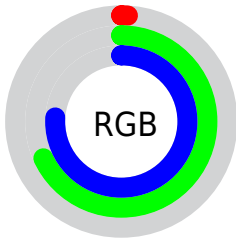
Format	Color
RYB	3, 93, 195
Decimal	241347
CIELab	65.00, -29.24, -21.19
CIElCh	65, 36.112, 215.939
Yxy	34.0472, 0.2154, 0.2946
Android (android.graphics.Color)	4278431427 (0xFF03AEC3)
YUV	125.2650, 34.3794, -107.2264
Hunter-Lab	58.3500, -25.9625, -16.7090

Details

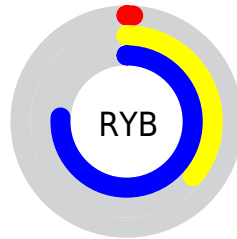
The CIELCh color **65, 36.112, 215.939** is a dark color, and the websafe version is hex **009999**. The color can be described as dark washed azure. A complement of this color would be **42, 82.643, 40.980**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **85, 36.224, 216.122**, and **46, 28.120, 222.256** is the 20% darker color. If you saturate the color by 10%, you get **65, 36.160, 216.221**, and if you desaturate by 10%, it is **66, 35.667, 214.118**.

Distribution



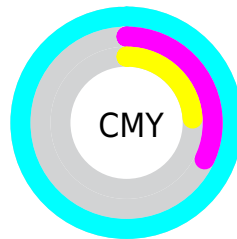
- Red (1%)
- Green (68%)
- Blue (76%)



- Red (1%)
- Yellow (36%)
- Blue (76%)



- Cyan (99%)
- Magenta (11%)
- Yellow (0%)
- Black (24%)





- Cyan (99%)
- Magenta (32%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 36.112, 215.939 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 65, 36.112, 215.939 by changing the saturation by 10% instead.


 65, 36.112,
215.939


 65, 36.112,
215.939


 100, 36.112,
215.939


 55, 36.112,
215.939


 85, 36.112,
215.939


 45, 36.112,
215.939


 95, 36.112,
215.939

 35, 36.112,
215.939

 25, 36.112,
215.939

 15, 36.112,
215.939

 5, 36.112, 215.939

 0, 36.112, 215.939

■ 65, 36.112,
215.939

■ 65, 36.112,
215.939

■ 65, 36.160,
216.221

■ 66, 35.667,
214.118

■ 67, 34.545,
212.640

■ 68, 32.606,
211.502

■ 69, 29.825,
210.662

■ 70, 26.231,
210.076

■ 72, 21.892,
209.704

■ 73, 16.901,
209.508

■ 75, 11.360,

209.462

■ 77, 5.371, 209.566

Harmonies

Complementary

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



65, 36.112, 215.939



42, 82.643, 40.980

Rectangle

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



65, 36.112, 215.939



65, 36.112, 265.939



65, 36.112, 35.939



65, 36.112, 85.939

Sweetspot

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



65, 36.111, 215.938



92, 21.809, 209.534



69, 95.254, 136.979



49, 14.737, 209.612



0, 0.000, 0.000



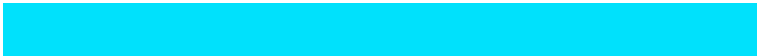
53, 0.007, 296.813

Same Dimension

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



65, 36.111, 215.938



82, 43.936, 216.574



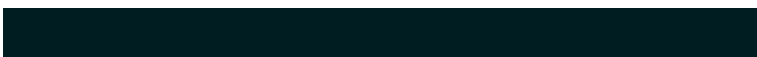
37, 70.407, 292.019



40, 3.562, 209.549



54, 31.405, 215.906



9, 11.056, 211.401

Inverse Universe

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



45, 86.314, 333.080



58, 105.072, 333.246



57, 67.036, 69.635



38, 6.702, 328.080



37, 75.136, 333.081



4, 21.854, 330.353

Previews

White Background



This preview shows how the CIE LCh color 65, 36.112, 215.939 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 65, 36.112, 215.939 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 65, 36.112, 215.939

Background



This preview shows how black text looks on a background with the CIELCh color 65, 36.112, 215.939.

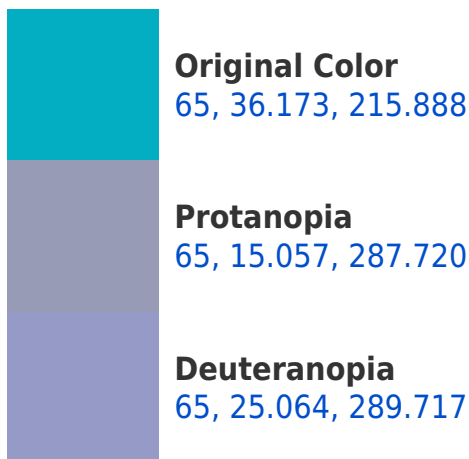


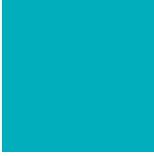
This preview shows how white text looks on a background with the CIELCh color 65, 36.112, 215.939.

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



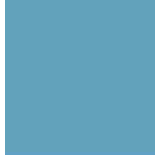


Tritanopia
65, 36.298, 209.212

Trichromacy



Original Color
65, 36.173, 215.888



Protanomaly
63, 23.644, 234.597



Deuteranomaly
63, 26.951, 247.054



Tritanomaly
65, 36.212, 211.116

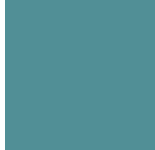
Monochromacy



Original Color
65, 36.173, 215.888



Achromatopsia
52, 0.007, 296.813



Achromatomaly
56, 20.624, 208.895

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 36.112, 215.939 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(3, 174, 195)` looks like.

```
.text, #text, p{  
    color:rgb(3, 174, 195)  
}
```

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(3, 174, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(3, 174, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 36.112, 215.939 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(3, 174, 195) }
```

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

```
.border{ border-color:rgb(3, 174, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(3, 174, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(3, 174, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(3, 174, 195);  
box-shadow:4px 4px 4px 4px rgb(3, 174,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 36.112, 215.939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(3, 174, 195) }
```

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

```
.background{ background-color: rgb(3, 174,  
195) }
```

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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