

Converting Colors

CIELCh(71, 42.436, 211.401)

Have a look what the booklet for
CIELCh(71, 42.436, 211.401)
contains.

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Color

CIELCh(72, 39.126, 213.149)

Conversions

Conversions Part 1

Format	Color
Hex	08C2D6
RGB	8, 194, 214
RGB Percent	3%, 76%, 84%
CMY	0.9698, 0.2379, 0.1594
CMYK	0.96, 0.09, 0.00, 0.16
HSL	186°, 93%, 44%
HSV	186°, 96%, 84%
XYZ	31.6471, 43.6590, 70.6161
YIQ	140.6660, -117.2760, -33.2120

Conversions

Conversions Part 2

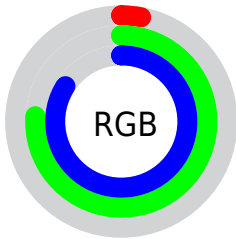
Format	Color
RYB	8, 106, 214
Decimal	574166
CIELab	72.00, -32.76, -21.39
CIELCh	72, 39.126, 213.149
Yxy	43.6590, 0.2169, 0.2992
Android (android.graphics.Color)	4278764246 (0xFF08C2D6)
YUV	140.6660, 36.1537, -116.3481
Hunter-Lab	66.0750, -30.1373, -17.1124

Details

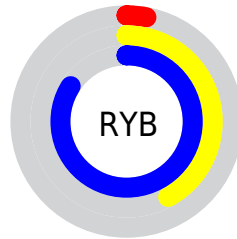
The CIELCh color **72, 39.126, 213.149** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **46, 88.088, 40.404**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **91, 39.519, 200.037**, and **53, 30.982, 217.903** is the 20% darker color. If you saturate the color by 10%, you get **72, 39.219, 213.749**, and if you desaturate by 10%, it is **73, 38.586, 211.603**.

Distribution



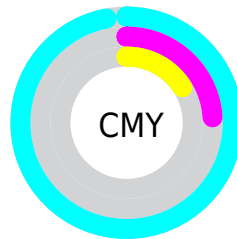
- Red (3%)
- Green (76%)
- Blue (84%)



- Red (3%)
- Yellow (42%)
- Blue (84%)



- Cyan (96%)
- Magenta (9%)
- Yellow (0%)
- Black (16%)





- Cyan (97%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 39.126, 213.149 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 72, 39.126, 213.149 by changing the saturation by 10% instead.


 72, 39.126,
213.149

 72, 39.126,
213.149


 100, 39.126,
213.149


 62, 39.126,
213.149


 92, 39.126,
213.149

 52, 39.126,
213.149

 42, 39.126,
213.149

 32, 39.126,
213.149

 22, 39.126,
213.149

 12, 39.126,
213.149

 2, 39.126, 213.149

■ 0, 39.126, 213.149

■ 72, 39.126,
213.149

■ 72, 39.126,
213.149

■ 72, 39.219,
213.749

■ 73, 38.586,
211.603

■ 74, 37.232,
210.382

■ 75, 34.969,
209.461

■ 76, 31.779,
208.802

■ 77, 27.704,
208.367

■ 79, 22.825,
208.122

■ 81, 17.247,
208.035

■ 82, 11.084,
208.084

■ 84, 4.450, 208.292

Harmonies

Complementary

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



72, 39.126, 213.149



46, 88.088, 40.404

Rectangle

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



72, 39.126, 213.149



72, 39.126, 263.149



72, 39.126, 33.149



72, 39.126, 83.149

Sweetspot

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



72, 39.125, 213.148



93, 21.566, 208.045



75, 102.403, 136.878



49, 14.540, 208.083



0, 0.000, 0.000



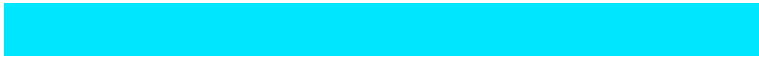
53, 0.007, 296.813

Same Dimension

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



72, 39.125, 213.148



84, 44.676, 213.943



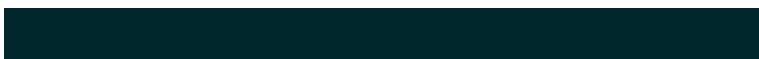
43, 72.245, 290.241



44, 3.909, 208.202



58, 33.158, 213.448



13, 13.206, 210.007

Inverse Universe

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



50, 93.477, 332.385



59, 106.953, 332.600



62, 71.609, 68.465



42, 7.344, 327.694



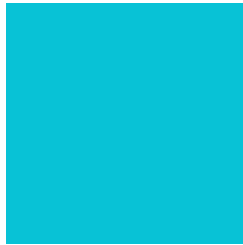
40, 79.378, 332.478



6, 30.703, 331.451

Previews

White Background



This preview shows how the CIE LCh color 72, 39.126, 213.149 looks on a white background.

Color Contrast Check

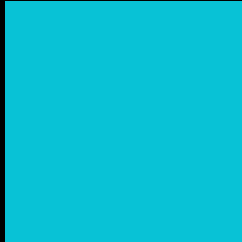
Large Text (above 18pt) WCAG AA × Fail

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 72, 39.126, 213.149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

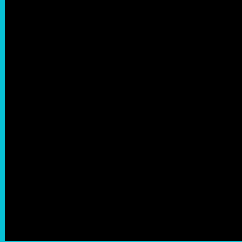
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 39.126, 213.149

Background



This preview shows how black text looks on a background with the CIELCh color 72, 39.126, 213.149.



This preview shows how white text looks on a background with the CIELCh color 72, 39.126, 213.149.

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

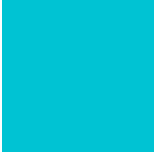
72, 39.064, 213.171

Protanopia

72, 14.743, 287.532

Deuteranopia

72, 25.648, 290.417

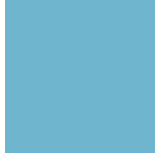


Tritanopia
72, 39.492, 209.582

Trichromacy



Original Color
72, 39.064, 213.171



Protanomaly
70, 24.649, 232.061



Deuteranomaly
70, 28.154, 244.711



Tritanomaly
72, 39.383, 210.465

Monochromacy



Original Color
72, 39.064, 213.171



Achromatopsia
59, 0.008, 296.813



Achromatomaly
62, 21.966, 209.520

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 39.126, 213.149 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(8, 194, 214)` looks like.

```
.text, #text, p{  
    color:rgb(8, 194, 214)  
}
```

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(8, 194, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(8, 194, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 39.126, 213.149 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(8, 194, 214) }
```

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

```
.border{ border-color:rgb(8, 194, 214) }
```

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

Here you see how a box with a 4 pixel rgb(8, 194, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(8, 194, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(8, 194, 214);  
box-shadow:4px 4px 4px 4px rgb(8, 194,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 39.126, 213.149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(8, 194, 214) }
```

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

```
.background{ background-color: rgb(8, 194,  
214) }
```

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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