

Converting Colors

CIELCh(72, 40.926, 196.732)

Have a look what the booklet for
CIELCh(72, 40.926, 196.732)
contains.

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Color

CIELCh(72, 40.788, 197.190)

Conversions

Conversions Part 1

Format	Color
Hex	07C4C5
RGB	7, 196, 197
RGB Percent	3%, 77%, 77%
CMY	0.9719, 0.2306, 0.2267
CMYK	0.96, 0.01, 0.00, 0.23
HSL	180°, 93%, 40%
HSV	180°, 96%, 77%
XYZ	29.9767, 43.6590, 59.7919
YIQ	139.6030, -112.9650, -39.7570

Conversions

Conversions Part 2

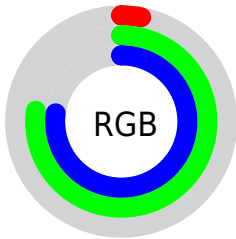
Format	Color
RYB	7, 102, 197
Decimal	509125
CIELab	72.00, -38.97, -12.05
CIElCh	72, 40.788, 197.190
Yxy	43.6590, 0.2247, 0.3272
Android (android.graphics.Color)	4278699205 (0xFF07C4C5)
YUV	139.6030, 28.2967, -116.2928
Hunter-Lab	66.0750, -34.6498, -7.3996

Details

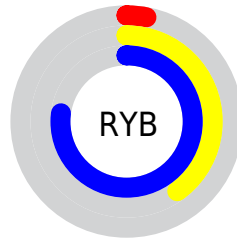
The CIELCh color **72, 40.788, 197.190** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **41, 84.073, 39.073**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **92, 40.732, 197.657**, and **53, 31.949, 198.535** is the 20% darker color. If you saturate the color by 10%, you get **72, 40.988, 197.200**, and if you desaturate by 10%, it is **72, 39.978, 197.179**.

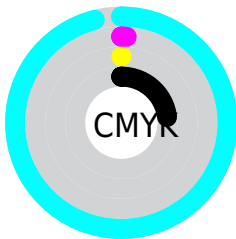
Distribution



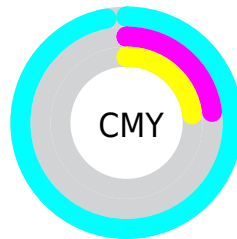
- Red (3%)
- Green (77%)
- Blue (77%)



- Red (3%)
- Yellow (40%)
- Blue (77%)



- Cyan (96%)
- Magenta (1%)
- Yellow (0%)
- Black (23%)





- Cyan (97%)
- Magenta (23%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 40.788, 197.190 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, 40.788, 197.190 by changing the saturation by 10% instead.


 72, 40.788,
197.190


 72, 40.788,
197.190


 100, 40.788,
197.190


 62, 40.788,
197.190


 92, 40.788,
197.190


 52, 40.788,
197.190

 42, 40.788,
197.190

 32, 40.788,
197.190

 22, 40.788,
197.190

 12, 40.788,
197.190

 2, 40.788, 197.190

■ 0, 40.788, 197.190

■ 72, 40.788,
197.190

■ 72, 40.788,
197.190

■ 72, 40.988,
197.200

■ 72, 39.978,
197.179

■ 72, 38.385,
197.235

■ 73, 35.918,
197.362

■ 73, 32.556,
197.562

■ 74, 28.328,
197.835

■ 75, 23.305,
198.177

■ 76, 17.585,
198.584

■ 77, 11.280,
199.055

■ 79, 4.505, 199.628

Harmonies

Complementary

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



72, 40.788, 197.190



41, 84.073, 39.073

Rectangle

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



72, 40.788, 197.190



72, 40.788, 247.190



72, 40.788, 17.190



72, 40.788, 67.190

Sweetspot

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



72, 40.787, 197.189



95, 23.559, 198.452



70, 97.866, 136.149



50, 15.887, 198.277



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, 40.787, 197.189



91, 49.732, 197.213



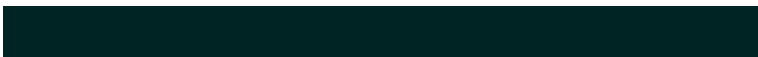
44, 57.570, 282.716



41, 4.013, 199.434



60, 35.622, 197.189



12, 12.908, 197.011

Inverse Universe

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



47, 94.172, 328.411



60, 115.086, 328.445



53, 68.582, 61.303



39, 7.356, 325.072



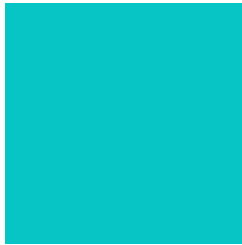
39, 82.425, 328.439



4, 26.624, 327.193

Previews

White Background



This preview shows how the CIELCh color 72, 40.788, 197.190 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, 40.788, 197.190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

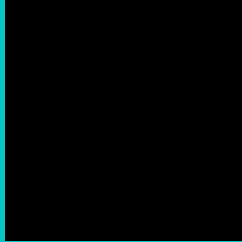
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

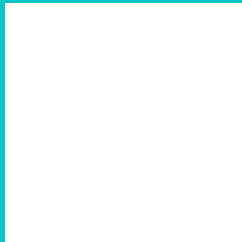
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 40.788, 197.190

Background



This preview shows how black text looks on a background with the CIELCh color 72, 40.788, 197.190.

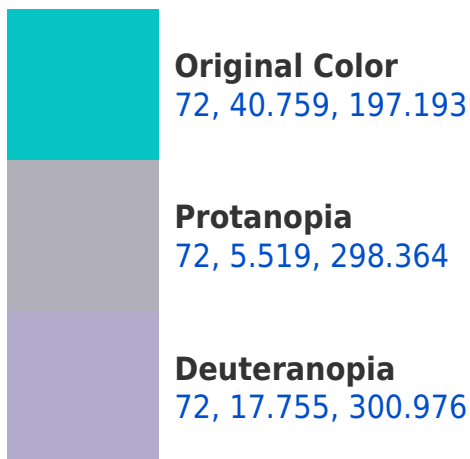


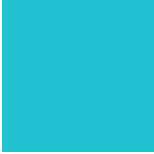
This preview shows how white text looks on a background with the CIELCh color 72, 40.788, 197.190.

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



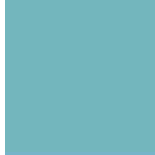


Tritanopia
72, 37.835, 210.269

Trichromacy



Original Color
72, 40.759, 197.193



Protanomaly
70, 21.955, 207.897



Deuteranomaly
70, 22.495, 229.089



Tritanomaly
72, 38.915, 204.773

Monochromacy



Original Color
72, 40.759, 197.193



Achromatopsia
58, 0.007, 296.813



Achromatomaly
62, 22.440, 198.918

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 40.788, 197.190 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, 196, 197)` looks like.

```
.text, #text, p{  
    color:rgb(7, 196, 197)  
}
```

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, 196, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 196, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 40.788, 197.190 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, 196, 197) }
```

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

```
.border{ border-color:rgb(7, 196, 197) }
```

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

Here you see how a box with a 4 pixel rgb(7, 196, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 196, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 196, 197);  
box-shadow:4px 4px 4px 4px rgb(7, 196,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 40.788, 197.190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 196, 197) }
```

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

```
.background{ background-color: rgb(7, 196,  
197) }
```

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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