

Converting Colors

CIELCh(75, 41.902, 196.441)

Have a look what the booklet for
CIELCh(75, 41.902, 196.441)
contains.

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Color

CIELCh(75, 41.876, 196.429)

Conversions

Conversions Part 1

Format	Color
Hex	14CDCD
RGB	20, 205, 205
RGB Percent	8%, 80%, 80%
CMY	0.9200, 0.1957, 0.1957
CMYK	0.90, 0.00, 0.00, 0.20
HSL	180°, 82%, 44%
HSV	180°, 90%, 80%
XYZ	33.1844, 48.2781, 65.3922
YIQ	149.6850, -110.2600, -39.2200

Conversions

Conversions Part 2

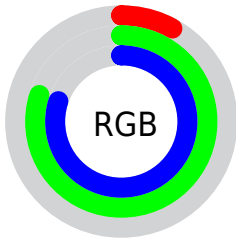
Format	Color
RYB	20, 113, 205
Decimal	1363405
CIELab	75.00, -40.17, -11.84
CIElCh	75, 41.876, 196.429
Yxy	48.2781, 0.2260, 0.3287
Android (android.graphics.Color)	4279553485 (0xFF14CDCD)
YUV	149.6850, 27.2703, -113.7337
Hunter-Lab	69.4824, -36.3437, -7.1620

Details

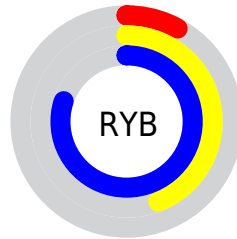
The CIELCh color **75, 41.876, 196.429** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **44, 83.054, 37.386**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 40.183, 196.962**, and **56, 33.582, 197.397** is the 20% darker color. If you saturate the color by 10%, you get **75, 42.531, 196.383**, and if you desaturate by 10%, it is **75, 40.535, 196.519**.

Distribution



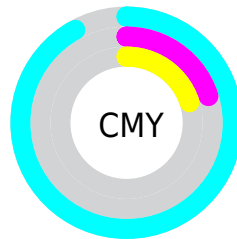
- Red (8%)
- Green (80%)
- Blue (80%)



- Red (8%)
- Yellow (44%)
- Blue (80%)



- Cyan (90%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)





- Cyan (92%)
- Magenta (20%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 41.876, 196.429 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 75, 41.876, 196.429 by changing the saturation by 10% instead.


 75, 41.876,
196.429


 75, 41.876,
196.429


 100, 41.876,
196.429


 65, 41.876,
196.429


 95, 41.876,
196.429

 55, 41.876,
196.429

 45, 41.876,
196.429

 35, 41.876,
196.429

 25, 41.876,
196.429

 15, 41.876,
196.429

 5, 41.876, 196.429

■ 0, 41.876, 196.429

■ 75, 41.876,
196.429

■ 75, 41.876,
196.429

■ 75, 42.531,
196.383

■ 75, 40.535,
196.519

■ 76, 38.317,
196.670

■ 76, 35.172,
196.886

■ 77, 31.113,
197.168

■ 77, 26.198,
197.515

■ 78, 20.517,
197.925

■ 80, 14.184,
198.395

■ 81, 7.318, 198.936

■ 82, 0.037, 214.629

Harmonies

Complementary

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



75, 41.876, 196.429



44, 83.054, 37.386

Rectangle

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



75, 41.876, 196.429



75, 41.876, 246.429



75, 41.876, 16.429



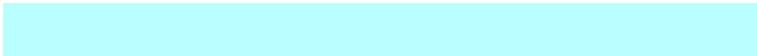
75, 41.876, 66.429

Sweetspot

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



75, 41.875, 196.428



96, 22.226, 198.046



72, 98.939, 136.309



51, 14.779, 197.892



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 41.875, 196.428



91, 50.116, 196.383



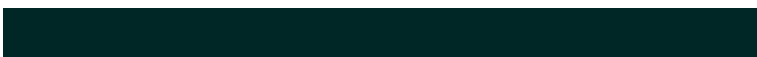
48, 53.851, 278.182



42, 4.119, 198.975



62, 36.302, 196.384



13, 13.514, 196.384

Inverse Universe

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



44, 83.054, 37.386



53, 104.575, 40.000



56, 67.916, 61.467



40, 4.369, 19.923



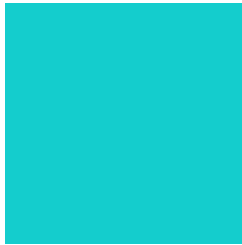
34, 75.553, 39.822



4, 17.910, 19.404

Previews

White Background



This preview shows how the CIELCh color 75, 41.876, 196.429 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 75, 41.876, 196.429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

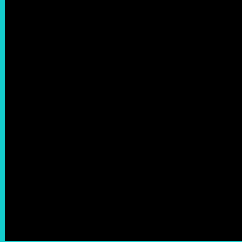
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

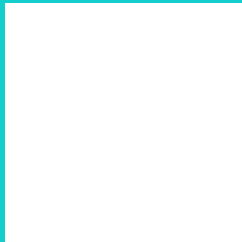
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 41.876, 196.429

Background



This preview shows how black text looks on a background with the CIELCh color 75, 41.876, 196.429.

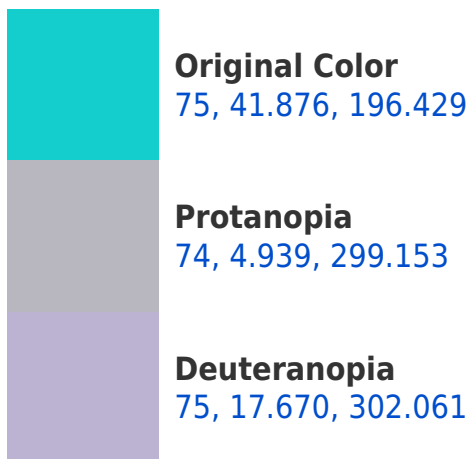


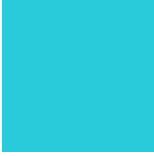
This preview shows how white text looks on a background with the CIELCh color 75, 41.876, 196.429.

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



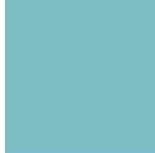


Tritanopia
75, 38.858, 209.802

Trichromacy



Original Color
75, 41.876, 196.429



Protanomaly
73, 21.380, 206.672



Deuteranomaly
73, 22.006, 229.619

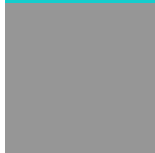


Tritanomaly
75, 39.828, 204.540

Monochromacy



Original Color
75, 41.876, 196.429



Achromatopsia
62, 0.008, 296.813



Achromatomaly
65, 22.245, 197.561

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 41.876, 196.429 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(20, 205, 205)` looks like.

```
.text, #text, p{  
    color:rgb(20, 205, 205)  
}
```

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(20, 205, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 205, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 41.876, 196.429 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(20, 205, 205) }
```

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

```
.border{ border-color:rgb(20, 205, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 205, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 205, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 205, 205);  
box-shadow:4px 4px 4px 4px rgb(20, 205,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 41.876, 196.429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 205, 205) }
```

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

```
.background{ background-color: rgb(20, 205,  
205) }
```

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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