

Converting Colors

CIELCh(75, 41.369, 182.021)

Have a look what the booklet for
CIELCh(75, 41.369, 182.021)
contains.

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Color

CIELCh(75, 41.436, 181.943)

Conversions

Conversions Part 1

Format	Color
Hex	41CDBA
RGB	65, 205, 186
RGB Percent	25%, 80%, 73%
CMY	0.7456, 0.1964, 0.2709
CMYK	0.68, 0.00, 0.09, 0.20
HSL	172°, 58%, 53%
HSV	172°, 68%, 80%
XYZ	32.8334, 48.2781, 53.9914
YIQ	160.9740, -77.3410, -35.5890

Conversions

Conversions Part 2

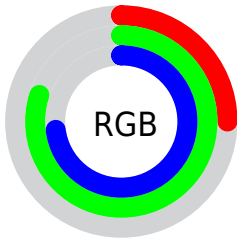
Format	Color
R _{YB}	65, 140, 205
Decimal	4312506
CIE _{Lab}	75.00, -41.41, -1.40
CIE _{LCh}	75, 41.436, 181.943
Yxy	48.2781, 0.2430, 0.3573
Android (android.graphics.Color)	4282502586 (0xFF41CDBA)
YUV	160.9740, 12.3378, -84.1692
Hunter-Lab	69.4824, -37.2455, 2.5663

Details

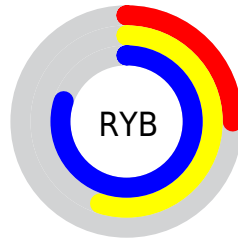
The CIELCh color **75, 41.436, 181.943** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted spring green. A complement of this color would be **49, 59.894, 20.262**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 38.281, 186.847**, and **56, 37.542, 180.819** is the 20% darker color. If you saturate the color by 10%, you get **75, 44.624, 180.752**, and if you desaturate by 10%, it is **76, 37.354, 183.033**.

Distribution



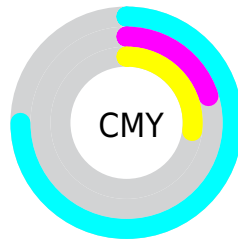
- Red (25%)
- Green (80%)
- Blue (73%)



- Red (25%)
- Yellow (55%)
- Blue (80%)



- Cyan (68%)
- Magenta (0%)
- Yellow (9%)
- Black (20%)





- Cyan (75%)
- Magenta (20%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 41.436, 181.943 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, 41.436, 181.943 by changing the saturation by 10% instead.


 75, 41.436,
181.943


 75, 41.436,
181.943


 100, 41.436,
181.943


 65, 41.436,
181.943


 95, 41.436,
181.943

 55, 41.436,
181.943

 45, 41.436,
181.943

 35, 41.436,
181.943

 25, 41.436,
181.943

 15, 41.436,
181.943

 5, 41.436, 181.943

0, 41.436, 181.943

75, 41.436,
181.943

75, 41.436,
181.943

75, 44.624,
180.752

76, 37.354,
183.033

74, 46.931,
179.443

76, 32.421,
184.046

74, 48.487,
178.013

77, 26.727,
184.999

74, 48.720,
177.776

78, 20.386,
185.908

80, 13.524,
186.789

81, 6.266, 187.676

■ 83, 1.271, 7.985

■ 84, 8.987, 9.146

■ 86, 16.799, 9.954

Harmonies

Complementary

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



75, 41.436, 181.943



49, 59.894, 20.262

Rectangle

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



75, 41.436, 181.943



75, 41.436, 231.943



75, 41.436, 1.943



75, 41.436, 51.943

Sweetspot

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



75, 41.436, 181.942



96, 18.373, 186.533



74, 82.150, 135.800



51, 12.351, 186.287



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, 41.436, 181.942



91, 54.026, 180.151



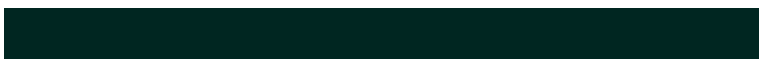
61, 34.918, 250.974



42, 4.240, 187.579



61, 41.512, 178.016



13, 14.958, 181.408

Inverse Universe

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



49, 59.894, 20.262



56, 84.425, 26.196



57, 52.797, 53.027



40, 4.432, 9.030



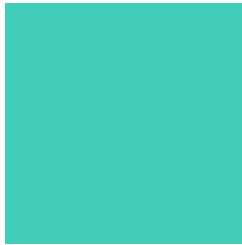
34, 69.923, 33.416



4, 18.060, 12.751

Previews

White Background



This preview shows how the CIELCh color 75, 41.436, 181.943 looks on a white background.

Color Contrast Check

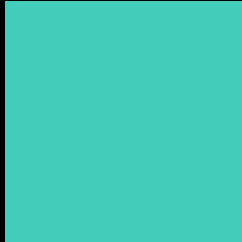
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 75, 41.436, 181.943 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

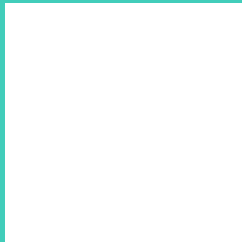
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 41.436, 181.943

Background



This preview shows how black text looks on a background with the CIELCh color 75, 41.436, 181.943.

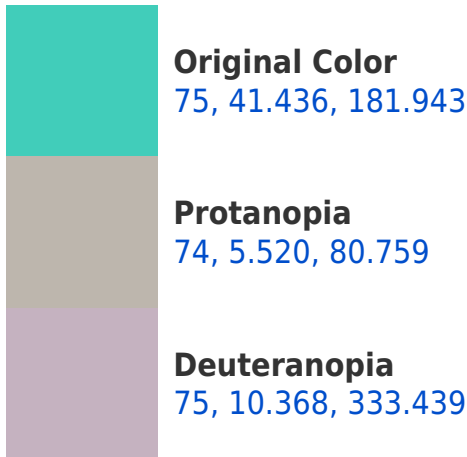


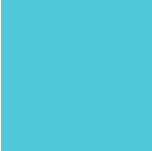
This preview shows how white text looks on a background with the CIELCh color 75, 41.436, 181.943.

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, 33.652, 213.184

Trichromacy



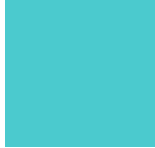
Original Color
75, 41.436, 181.943



Protanomaly
74, 17.740, 176.448



Deuteranomaly
74, 13.590, 202.989



Tritanomaly
75, 35.295, 200.432

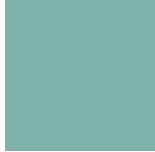
Monochromacy



Original Color
75, 41.436, 181.943



Achromatopsia
66, 0.008, 296.813



Achromatomaly
69, 18.404, 185.758

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 41.436, 181.943 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(65, 205, 186)` looks like.

```
.text, #text, p{  
    color:rgb(65, 205, 186)  
}
```

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(65, 205, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 205, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 41.436, 181.943 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(65, 205, 186) }
```

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

```
.border{ border-color:rgb(65, 205, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 205, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 205, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 205, 186);  
box-shadow:4px 4px 4px 4px rgb(65, 205,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 41.436, 181.943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 205, 186) }
```

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

```
.background{ background-color: rgb(65, 205,  
186) }
```

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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