

Converting Colors

CIELCh(75, 31.020, 185.838)

Have a look what the booklet for
CIELCh(75, 31.020, 185.838)
contains.

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Color

CIELCh(75, 31.411, 185.075)

Conversions

Conversions Part 1

Format	Color
Hex	69C9BD
RGB	105, 201, 189
RGB Percent	41%, 79%, 74%
CMY	0.5894, 0.2129, 0.2600
CMYK	0.48, 0.00, 0.06, 0.21
HSL	173°, 47%, 60%
HSV	173°, 48%, 79%
XYZ	35.7587, 48.2781, 55.4092
YIQ	170.9280, -53.3640, -24.0840

Conversions

Conversions Part 2

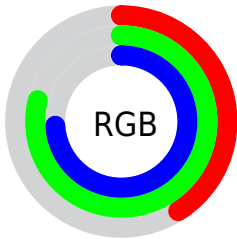
Format	Color
RYB	105, 156, 201
Decimal	6932925
CIELab	75.00, -31.29, -2.78
CIELCh	75, 31.411, 185.075
Yxy	48.2781, 0.2564, 0.3462
Android (android.graphics.Color)	4285123005 (0xFF69C9BD)
YUV	170.9280, 8.9095, -57.8189
Hunter-Lab	69.4824, -29.7303, 1.3565

Details

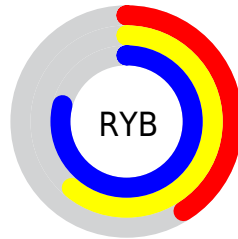
The CIELCh color **75, 31.411, 185.075** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **56, 40.697, 15.410**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 30.067, 187.606**, and **55, 31.510, 184.814** is the 20% darker color. If you saturate the color by 10%, you get **74, 36.239, 184.107**, and if you desaturate by 10%, it is **76, 25.834, 185.988**.

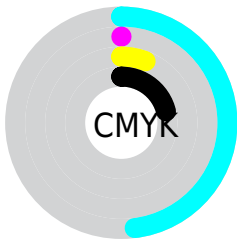
Distribution



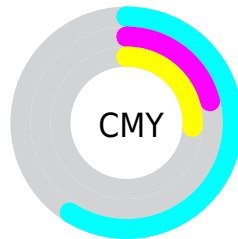
- Red (41%)
- Green (79%)
- Blue (74%)



- Red (41%)
- Yellow (61%)
- Blue (79%)



- Cyan (48%)
- Magenta (0%)
- Yellow (6%)
- Black (21%)





- Cyan (59%)
- Magenta (21%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 31.411, 185.075 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, 31.411, 185.075 by changing the saturation by 10% instead.


 75, 31.411,
185.075


 75, 31.411,
185.075


 100, 31.411,
185.075


 65, 31.411,
185.075


 95, 31.411,
185.075

 55, 31.411,
185.075

 45, 31.411,
185.075

 35, 31.411,
185.075

 25, 31.411,
185.075

 15, 31.411,
185.075

 5, 31.411, 185.075

0, 31.411, 185.075

75, 31.411,
185.075

75, 31.411,
185.075

74, 36.239,
184.107

76, 25.834,
185.988

74, 40.230,
183.073

77, 19.621,
186.867

73, 43.339,
181.950

78, 12.893,
187.723

73, 45.578,
180.720

80, 5.774, 188.594

73, 47.061,
179.376

81, 1.623, 8.976

83, 9.200, 10.030

73, 47.345,
179.083

85, 16.875, 10.826

■ 86, 20.718, 9.375

■ 86, 20.929, 5.847

Harmonies

Complementary

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



75, 31.411, 185.075



56, 40.697, 15.410

Rectangle

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



75, 31.411, 185.075



75, 31.411, 235.075



75, 31.411, 5.075



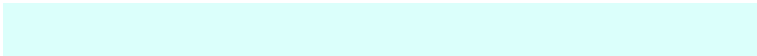
75, 31.411, 55.075

Sweetspot

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



75, 31.411, 185.073



97, 12.387, 188.034



74, 59.491, 137.704



52, 8.513, 187.847



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, 31.411, 185.073



92, 43.384, 184.110



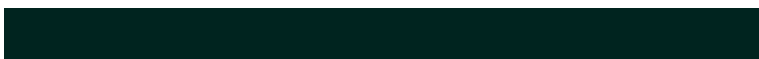
65, 26.132, 247.286



41, 4.138, 188.454



60, 40.516, 179.308



12, 14.206, 182.719

Inverse Universe

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



56, 40.697, 15.410



65, 59.659, 17.807



63, 33.889, 55.828



39, 4.329, 9.873



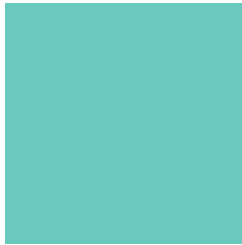
34, 69.562, 34.003



3, 16.010, 12.954

Previews

White Background



This preview shows how the CIELCh color 75, 31.411, 185.075 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, 31.411, 185.075 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

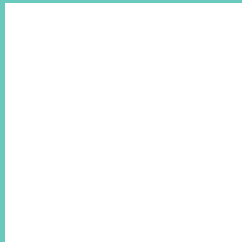
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 31.411, 185.075

Background



This preview shows how black text looks on a background with the CIELCh color 75, 31.411, 185.075.

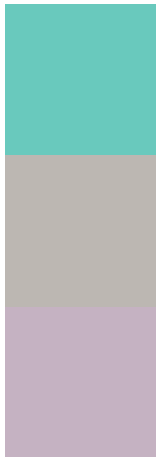


This preview shows how white text looks on a background with the CIELCh color 75, 31.411, 185.075.

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
75, 31.411, 185.075

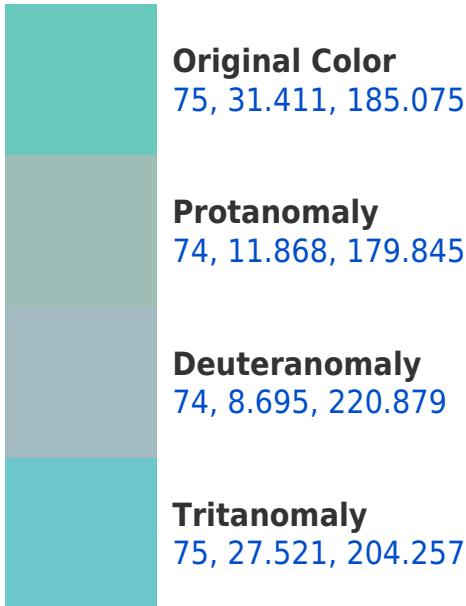
Protanopia
75, 3.270, 74.674

Deuteranopia
75, 11.172, 329.651

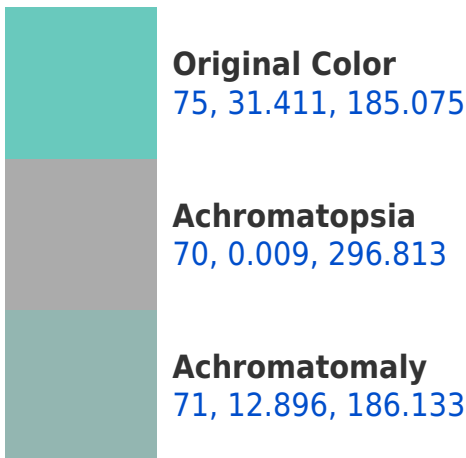


Tritanopia
75, 26.815, 216.625

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 31.411, 185.075 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(105, 201, 189)` looks like.

```
.text, #text, p{  
    color:rgb(105, 201, 189)  
}
```

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(105, 201, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 201, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 31.411, 185.075 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(105, 201, 189) }
```

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

```
.border{ border-color:rgb(105, 201, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 201, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(105, 201, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(105, 201, 189); box-shadow:4px 4px 4px 4px rgb(105, 201, 189) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 31.411, 185.075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 201, 189) }
```

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

```
.background{ background-color: rgb(105,  
201, 189) }
```

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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