

Converting Colors

CIELCh(75, 32.842, 175.625)

Have a look what the booklet for
CIELCh(75, 32.842, 175.625)
contains.

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Color

CIELCh(75, 32.834, 175.651)

Conversions

Conversions Part 1

Format	Color
Hex	6DC9B3
RGB	109, 201, 179
RGB Percent	43%, 79%, 70%
CMY	0.5725, 0.2118, 0.2980
CMYK	0.46, 0.00, 0.11, 0.21
HSL	166°, 46%, 61%
HSV	166°, 46%, 79%
XYZ	35.3291, 48.2781, 50.1036
YIQ	170.9840, -47.7700, -26.3460

Conversions

Conversions Part 2

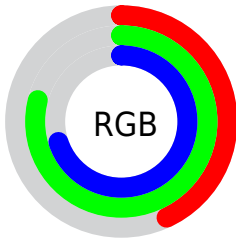
Format	Color
RYB	109, 161, 201
Decimal	7195059
CIELab	75.00, -32.74, 2.49
CIElCh	75, 32.834, 175.651
Yxy	48.2781, 0.2642, 0.3611
Android (android.graphics.Color)	4285385139 (0xFF6DC9B3)
YUV	170.9840, 3.9519, -54.3600
Hunter-Lab	69.4824, -30.8341, 5.8839

Details

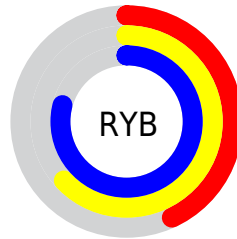
The CIELCh color **75, 32.834, 175.651** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **57, 39.009, 6.322**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 31.238, 178.116**, and **55, 32.764, 175.690** is the 20% darker color. If you saturate the color by 10%, you get **74, 38.618, 174.379**, and if you desaturate by 10%, it is **76, 26.401, 176.812**.

Distribution



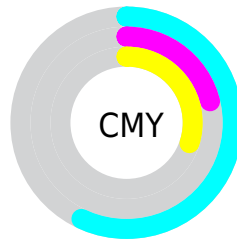
- Red (43%)
- Green (79%)
- Blue (70%)



- Red (43%)
- Yellow (63%)
- Blue (79%)



- Cyan (46%)
- Magenta (0%)
- Yellow (11%)
- Black (21%)





- Cyan (57%)
- Magenta (21%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 32.834, 175.651 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, 32.834, 175.651 by changing the saturation by 10% instead.


 75, 32.834,
175.651


 75, 32.834,
175.651


 100, 32.834,
175.651


 65, 32.834,
175.651


 95, 32.834,
175.651

 55, 32.834,
175.651

 45, 32.834,
175.651

 35, 32.834,
175.651

 25, 32.834,
175.651

 15, 32.834,
175.651

 5, 32.834, 175.651

0, 32.834, 175.651

75, 32.834,
175.651

75, 32.834,
175.651

74, 38.618,
174.379

76, 26.401,
176.812

73, 43.645,
172.976

77, 19.445,
177.887

73, 47.843,
171.417

79, 12.095,
178.899

73, 51.198,
169.681

80, 4.474, 179.906

72, 53.770,
167.762

82, 3.309, 0.531

72, 54.737,
166.938

83, 11.166, 1.483

85, 19.022, 2.311

■ 86, 21.630,
357.824

■ 86, 22.600,
351.883

Harmonies

Complementary

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



75, 32.834, 175.651



57, 39.009, 6.322

Rectangle

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



75, 32.834, 175.651



75, 32.834, 225.651



75, 32.834, 355.651



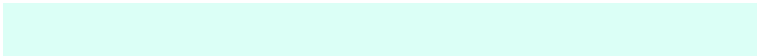
75, 32.834, 45.651

Sweetspot

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



75, 32.835, 175.649



97, 13.051, 179.055



75, 55.154, 134.851



52, 8.984, 178.838



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, 32.835, 175.649



92, 46.198, 174.379



69, 24.223, 229.699



41, 4.345, 179.532



60, 46.678, 167.268



11, 15.791, 172.417

Inverse Universe

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



57, 39.009, 6.322



66, 57.019, 8.541



62, 33.404, 44.284



39, 4.490, 1.136



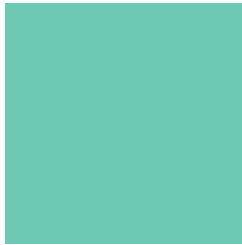
34, 64.648, 25.792



4, 16.299, 7.211

Previews

White Background



This preview shows how the CIELCh color 75, 32.834, 175.651 looks on a white background.

Color Contrast Check

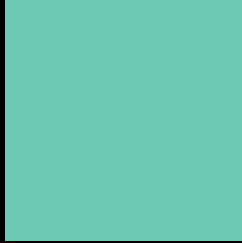
Large Text (above 18pt) WCAG AA × Fail

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, 32.834, 175.651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

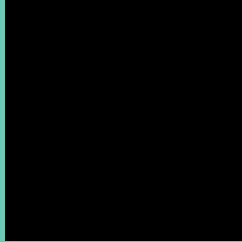
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

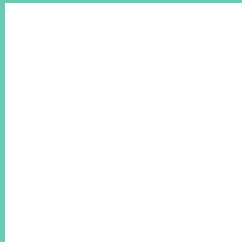
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 32.834, 175.651

Background



This preview shows how black text looks on a background with the CIELCh color 75, 32.834, 175.651.

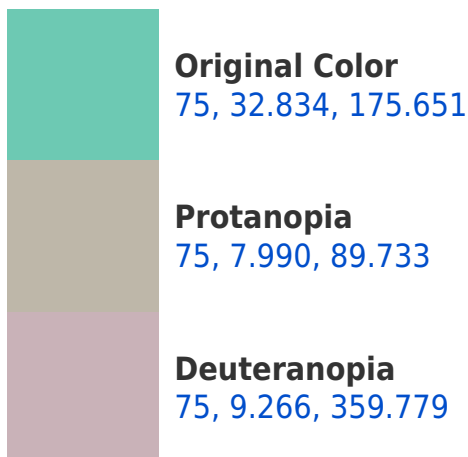


This preview shows how white text looks on a background with the CIELCh color 75, 32.834, 175.651.

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, 25.215, 217.994

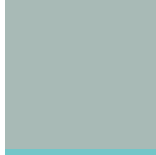
Trichromacy



Original Color
75, 32.834, 175.651



Protanomaly
74, 14.206, 158.091



Deuteranomaly
74, 6.959, 180.773

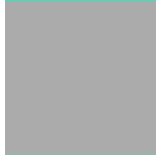


Tritanomaly
75, 26.263, 199.857

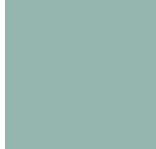
Monochromacy



Original Color
75, 32.834, 175.651



Achromatopsia
70, 0.009, 296.813



Achromatomaly
71, 13.133, 178.910

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 32.834, 175.651 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(109, 201, 179)` looks like.

```
.text, #text, p{  
    color:rgb(109, 201, 179)  
}
```

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(109, 201, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 201, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 32.834, 175.651 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(109, 201, 179) }
```

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

```
.border{ border-color:rgb(109, 201, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 201, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 201, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 201, 179);  
box-shadow:4px 4px 4px 4px rgb(109, 201,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 32.834, 175.651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 201, 179) }
```

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

```
.background{ background-color: rgb(109,  
201, 179) }
```

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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