

Converting Colors

CIELCh(75, 28.024, 173.323)

Have a look what the booklet for
CIELCh(75, 28.024, 173.323)
contains.

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Color

CIELCh(75, 28.009, 173.344)

Conversions

Conversions Part 1

Format	Color
Hex	7DC7B2
RGB	125, 199, 178
RGB Percent	49%, 78%, 70%
CMY	0.5108, 0.2206, 0.3029
CMYK	0.37, 0.00, 0.11, 0.22
HSL	163°, 40%, 63%
HSV	163°, 37%, 78%
XYZ	36.7993, 48.2781, 49.3706
YIQ	174.4800, -37.3630, -22.2190

Conversions

Conversions Part 2

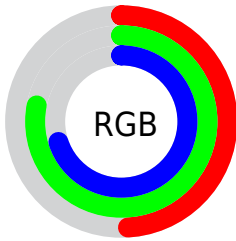
Format	Color
RYB	125, 168, 199
Decimal	8243122
CIELab	75.00, -27.82, 3.25
CIElCh	75, 28.009, 173.344
Yxy	48.2781, 0.2737, 0.3591
Android (android.graphics.Color)	4286433202 (0xFF7DC7B2)
YUV	174.4800, 1.7354, -43.3940
Hunter-Lab	69.4824, -27.0572, 6.5093

Details

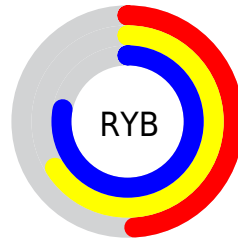
The CIELCh color **75, 28.009, 173.344** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **61, 31.516, 1.503**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 27.436, 174.450**, and **55, 28.383, 172.771** is the 20% darker color. If you saturate the color by 10%, you get **74, 34.616, 172.113**, and if you desaturate by 10%, it is **76, 20.899, 174.468**.

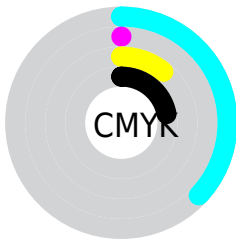
Distribution



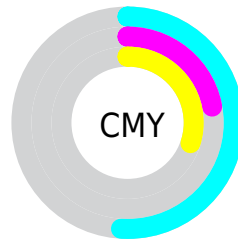
- Red (49%)
- Green (78%)
- Blue (70%)



- Red (49%)
- Yellow (66%)
- Blue (78%)



- Cyan (37%)
- Magenta (0%)
- Yellow (11%)
- Black (22%)




- Cyan (51%)
- Magenta (22%)
- Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 28.009, 173.344 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, 28.009, 173.344 by changing the saturation by 10% instead.

 75, 28.009,
173.344

 75, 28.009,
173.344

 100, 28.009,
173.344

 65, 28.009,
173.344


 95, 28.009,
173.344

 55, 28.009,
173.344

 45, 28.009,
173.344

 35, 28.009,
173.344

 25, 28.009,
173.344

 15, 28.009,
173.344

 5, 28.009, 173.344

■ 0, 28.009, 173.344

■ 75, 28.009,
173.344

■ 75, 28.009,
173.344

■ 74, 34.616,
172.113

■ 76, 20.899,
174.468

■ 73, 40.591,
170.756

■ 77, 13.415,
175.513

■ 73, 45.825,
169.248

■ 79, 5.680, 176.523

■ 72, 50.250,
167.563

■ 81, 2.195, 357.120

■ 72, 53.854,
165.685

■ 82, 10.122,
358.143

■ 71, 56.721,
163.624

■ 84, 18.027,
358.972

■ 86, 22.807,

■ 71, 57.464,
163.057

356.286

■ 86, 24.031,
349.792

■ 86, 25.550,
344.027

Harmonies

Complementary

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



75, 28.009, 173.344



61, 31.516, 1.503

Rectangle

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



75, 28.009, 173.344



75, 28.009, 223.344



75, 28.009, 353.344



75, 28.009, 43.344

Sweetspot

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



75, 28.010, 173.342



98, 10.549, 176.123



75, 44.075, 133.908



52, 7.079, 175.985



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, 28.010, 173.342



93, 40.560, 172.313



71, 20.487, 221.454



41, 4.451, 176.302



59, 49.391, 163.391



11, 16.483, 168.932

Inverse Universe

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



61, 31.516, 1.503



72, 46.916, 2.980



64, 26.703, 39.354



39, 4.580, 357.924



34, 63.092, 21.977



4, 16.455, 5.032

Previews

White Background



This preview shows how the CIELCh color 75, 28.009, 173.344 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, 28.009, 173.344 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

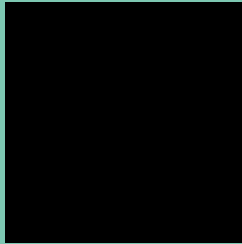
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

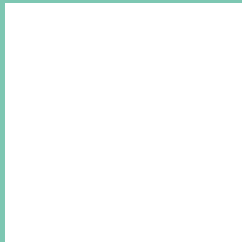
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 28.009, 173.344

Background



This preview shows how black text looks on a background with the CIELCh color 75, 28.009, 173.344.

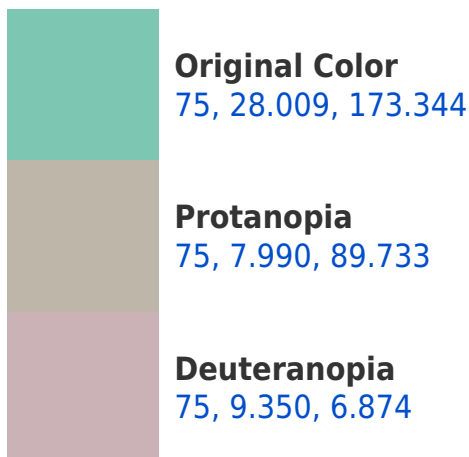


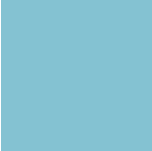
This preview shows how white text looks on a background with the CIELCh color 75, 28.009, 173.344.

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, 21.328, 222.165

Trichromacy



Original Color
75, 28.009, 173.344

Protanomaly
74, 12.631, 151.938

Deuteranomaly
74, 5.530, 163.193

Tritanomaly
75, 22.002, 200.616

Monochromacy



Original Color
75, 28.009, 173.344

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 10.853, 174.890

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 28.009, 173.344 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(125, 199, 178)` looks like.

```
.text, #text, p{  
    color:rgb(125, 199, 178)  
}
```

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(125, 199, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 199, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 28.009, 173.344 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(125, 199, 178) }
```

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

```
.border{ border-color:rgb(125, 199, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 199, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 199, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 199, 178);  
box-shadow:4px 4px 4px 4px rgb(125, 199,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 28.009, 173.344 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 199, 178) }
```

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

```
.background{ background-color: rgb(125,  
199, 178) }
```

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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