

Converting Colors

CIELCh(75, 28.152, 197.325)

Have a look what the booklet for
CIELCh(75, 28.152, 197.325)
contains.

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Color

CIELCh(75, 28.156, 197.333)

Conversions

Conversions Part 1

Format	Color
Hex	6DC7C7
RGB	109, 199, 199
RGB Percent	43%, 78%, 78%
CMY	0.5721, 0.2192, 0.2192
CMYK	0.45, 0.00, 0.00, 0.22
HSL	180°, 45%, 60%
HSV	180°, 45%, 78%
XYZ	37.0856, 48.2781, 61.4568
YIQ	172.0900, -53.6400, -19.0800

Conversions

Conversions Part 2

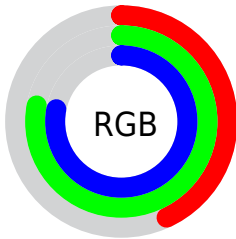
Format	Color
RYB	109, 154, 199
Decimal	7194567
CIELab	75.00, -26.88, -8.39
CIElCh	75, 28.156, 197.333
Yxy	48.2781, 0.2526, 0.3288
Android (android.graphics.Color)	4285384647 (0xFF6DC7C7)
YUV	172.0900, 13.2666, -55.3299
Hunter-Lab	69.4824, -26.3215, -3.8039

Details

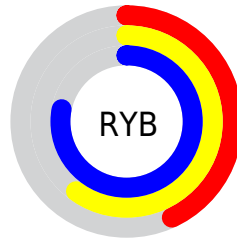
The CIELCh color **75, 28.156, 197.333** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **56, 38.937, 24.165**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 27.824, 197.702**, and **55, 28.217, 196.799** is the 20% darker color. If you saturate the color by 10%, you get **74, 32.541, 197.017**, and if you desaturate by 10%, it is **76, 22.977, 197.709**.

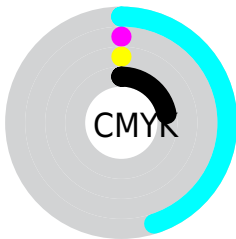
Distribution



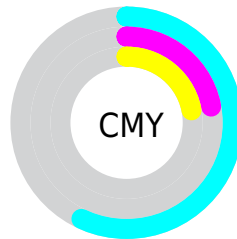
- Red (43%)
- Green (78%)
- Blue (78%)



- Red (43%)
- Yellow (60%)
- Blue (78%)



- Cyan (45%)
- Magenta (0%)
- Yellow (0%)
- Black (22%)





- Cyan (57%)
- Magenta (22%)
- Yellow (22%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 28.156, 197.333 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, 28.156, 197.333 by changing the saturation by 10% instead.


 75, 28.156,
197.333


 75, 28.156,
197.333


 100, 28.156,
197.333


 65, 28.156,
197.333


 95, 28.156,
197.333

 55, 28.156,
197.333

 45, 28.156,
197.333

 35, 28.156,
197.333

 25, 28.156,
197.333

 15, 28.156,
197.333

 5, 28.156, 197.333

0, 28.156, 197.333

75, 28.156,
197.333

75, 28.156,
197.333

74, 32.541,
197.017

76, 22.977,
197.709

74, 36.058,
196.768

77, 17.105,
198.147

73, 38.672,
196.585

78, 10.654,
198.646

73, 40.400,
196.465

80, 3.741, 199.264

73, 41.319,
196.401

81, 3.526, 19.519

83, 11.046, 20.210

73, 41.596,
196.382

85, 18.736, 20.834

■ 85, 21.279, 21.039

■ 85, 21.279, 21.038

Harmonies

Complementary

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



75, 28.156, 197.333



56, 38.937, 24.165

Rectangle

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



75, 28.156, 197.333



75, 28.156, 247.333



75, 28.156, 17.333



75, 28.156, 67.333

Sweetspot

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



75, 28.156, 197.331



98, 12.029, 198.700



73, 58.011, 140.544



52, 8.252, 198.583



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, 28.156, 197.331



93, 39.010, 197.028



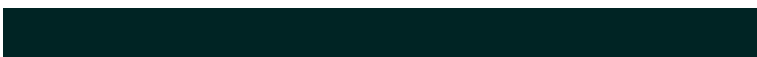
63, 27.557, 261.672



41, 4.034, 198.976



61, 35.889, 196.382



12, 12.984, 196.383

Inverse Universe

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



56, 38.937, 24.165



66, 58.401, 26.145



66, 31.833, 68.104



39, 4.279, 19.920



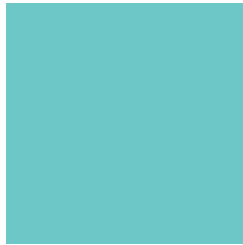
34, 74.643, 39.775



3, 15.885, 19.403

Previews

White Background



This preview shows how the CIELCh color 75, 28.156, 197.333 looks on a white background.

Color Contrast Check

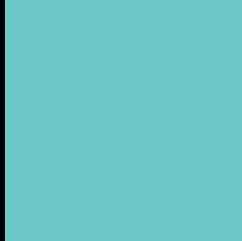
Large Text (above 18pt) WCAG AA × Fail

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, 28.156, 197.333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

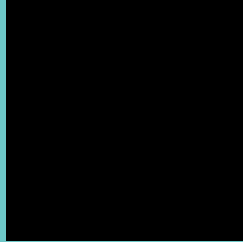
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

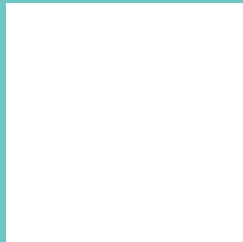
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 28.156, 197.333

Background



This preview shows how black text looks on a background with the CIELCh color 75, 28.156, 197.333.

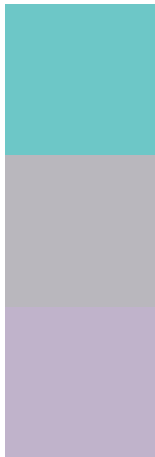


This preview shows how white text looks on a background with the CIELCh color 75, 28.156, 197.333.

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

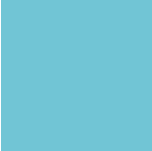
75, 28.156, 197.333

Protanopia

75, 3.341, 303.200

Deuteranopia

75, 13.865, 311.015



Tritanopia
75, 26.592, 216.805

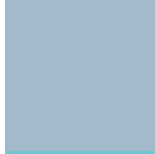
Trichromacy



Original Color
75, 28.156, 197.333



Protanomaly
74, 11.357, 209.629



Deuteranomaly
74, 11.802, 246.369

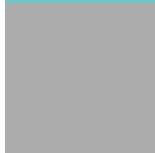


Tritanomaly
75, 26.772, 209.284

Monochromacy



Original Color
75, 28.156, 197.333



Achromatopsia
70, 0.009, 296.813



Achromatomaly
72, 11.714, 198.501

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 28.156, 197.333 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, 199, 199)` looks like.

```
.text, #text, p{  
    color:rgb(109, 199, 199)  
}
```

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, 199, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 199, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 28.156, 197.333 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, 199, 199) }
```

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

```
.border{ border-color:rgb(109, 199, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 199, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 199, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 199, 199);  
box-shadow:4px 4px 4px 4px rgb(109, 199,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 28.156, 197.333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 199, 199) }
```

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

```
.background{ background-color: rgb(109,  
199, 199) }
```

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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