

Converting Colors

CIELCh(71, 25.068, 193.387)

Have a look what the booklet for
CIELCh(71, 25.068, 193.387)
contains.

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Color

CIELCh(71, 25.328, 192.440)

Conversions

Conversions Part 1

Format	Color
Hex	6EBBB7
RGB	110, 187, 183
RGB Percent	43%, 73%, 72%
CMY	0.5693, 0.2673, 0.2830
CMYK	0.41, 0.00, 0.02, 0.27
HSL	177°, 36%, 58%
HSV	177°, 41%, 73%
XYZ	32.6757, 42.1875, 51.1321
YIQ	163.5210, -44.6080, -17.5680

Conversions

Conversions Part 2

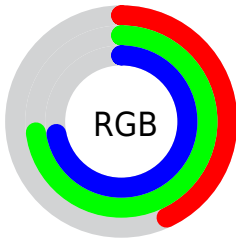
Format	Color
R _Y B	110, 150, 187
Decimal	7257015
CIE Lab	71.00, -24.73, -5.46
CIE LCh	71, 25.328, 192.440
Yxy	42.1875, 0.2593, 0.3348
Android (android.graphics.Color)	4285447095 (0xFF6EBBB7)
YUV	163.5210, 9.6031, -46.9379
Hunter-Lab	64.9519, -23.8669, -1.2085

Details

The CIELCh color **71, 25.328, 192.440** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **55, 32.890, 19.597**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 25.272, 193.041**, and **51, 25.064, 192.867** is the 20% darker color. If you saturate the color by 10%, you get **70, 30.017, 191.818**, and if you desaturate by 10%, it is **72, 19.957, 193.071**.

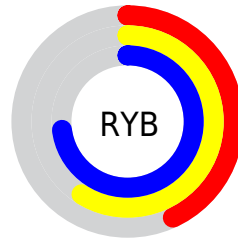
Distribution



Red (43%)

Green (73%)

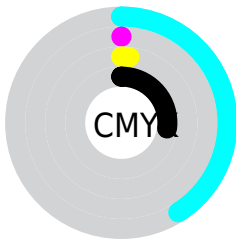
Blue (72%)



Red (43%)

Yellow (59%)

Blue (73%)

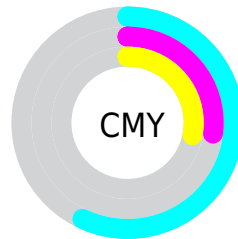


Cyan (41%)

Magenta (0%)

Yellow (2%)

Black (27%)



Cyan (57%)


Magenta (27%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 25.328, 192.440 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 71, 25.328, 192.440 by changing the saturation by 10% instead.


 71, 25.328,
192.440


 71, 25.328,
192.440


 100, 25.328,
192.440


 61, 25.328,
192.440


 91, 25.328,
192.440

 51, 25.328,
192.440

 41, 25.328,
192.440

 31, 25.328,
192.440

 21, 25.328,
192.440

 11, 25.328,
192.440

 1, 25.328, 192.440

0, 25.328, 192.440

71, 25.328,
192.440

71, 25.328,
192.440

70, 30.017,
191.818

72, 19.957,
193.071

70, 33.934,
191.206

73, 14.010,
193.723

69, 37.018,
190.594

74, 7.601, 194.410

69, 39.253,
189.969

76, 0.837, 195.627

69, 40.679,
189.318

77, 6.181, 15.601

68, 41.437,
188.726

79, 13.369, 16.327

81, 20.655, 17.025

■ 82, 26.288, 17.301

■ 82, 26.275, 16.198

Harmonies

Complementary

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



71, 25.328, 192.440



55, 32.890, 19.597

Rectangle

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



71, 25.328, 192.440



71, 25.328, 242.440



71, 25.328, 12.440



71, 25.328, 62.440

Sweetspot

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



71, 25.328, 192.438



94, 10.022, 194.339



70, 49.720, 139.837



50, 6.681, 194.247



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



71, 25.328, 192.438



89, 35.724, 191.905



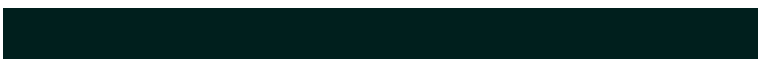
62, 22.789, 254.583



39, 3.889, 194.546



59, 36.599, 188.817



9, 11.934, 190.988

Inverse Universe

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



55, 32.890, 19.597



66, 49.369, 21.247



63, 26.961, 63.393



37, 4.100, 15.712



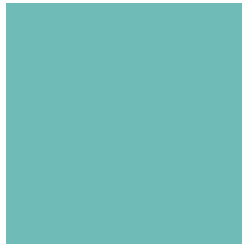
32, 70.816, 37.540



3, 12.277, 16.412

Previews

White Background



This preview shows how the CIELCh color 71, 25.328, 192.440 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 71, 25.328, 192.440 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 71, 25.328, 192.440

Background



This preview shows how black text looks on a background with the CIELCh color 71, 25.328, 192.440.

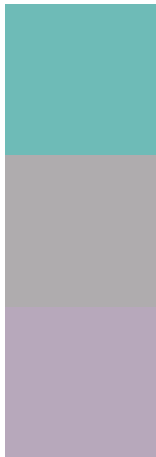


This preview shows how white text looks on a background with the CIELCh color 71, 25.328, 192.440.

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

71, 25.328, 192.440

Protanopia

71, 1.585, 335.584

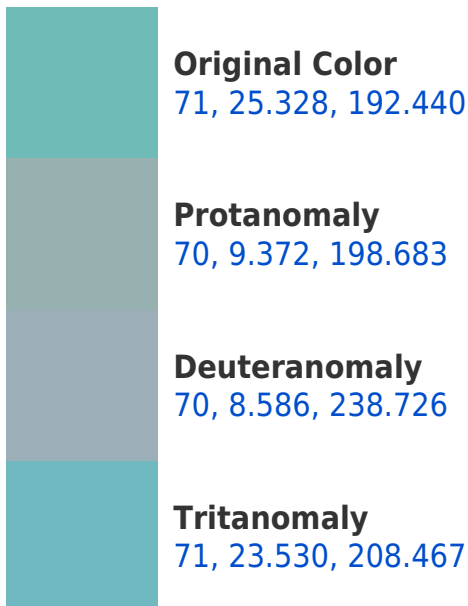
Deuteranopia

71, 11.825, 318.920



Tritanopia
71, 23.201, 218.702

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 25.328, 192.440 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(110, 187, 183)` looks like.

```
.text, #text, p{  
    color:rgb(110, 187, 183)  
}
```

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(110, 187, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 187, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 25.328, 192.440 is called "border". The border property can be set on classes, ids or directly on the HTML element.

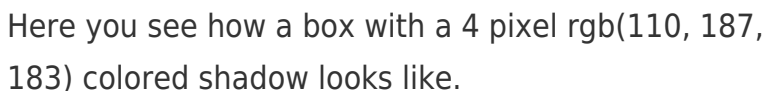
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 187, 183) }
```

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

```
.border{ border-color:rgb(110, 187, 183) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 187, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 187, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 187, 183);  
box-shadow:4px 4px 4px 4px rgb(110, 187,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 25.328, 192.440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 187, 183) }
```

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

```
.background{ background-color: rgb(110,  
187, 183) }
```

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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