

Converting Colors

CIELCh(73, 27.802, 198.456)

Have a look what the booklet for
CIELCh(73, 27.802, 198.456)
contains.

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Color

CIELCh(73, 27.797, 198.450)

Conversions

Conversions Part 1

Format	Color
Hex	68C1C2
RGB	104, 193, 194
RGB Percent	41%, 76%, 76%
CMY	0.5908, 0.2418, 0.2379
CMYK	0.46, 0.01, 0.00, 0.24
HSL	181°, 43%, 59%
HSV	181°, 46%, 76%
XYZ	34.6700, 45.1644, 58.1282
YIQ	166.5030, -53.3650, -18.5570

Conversions

Conversions Part 2

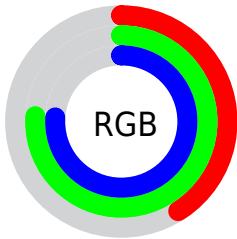
Format	Color
RYB	104, 149, 194
Decimal	6865346
CIELab	73.00, -26.37, -8.80
CIElCh	73, 27.797, 198.450
Yxy	45.1644, 0.2513, 0.3274
Android (android.graphics.Color)	4285055426 (0xFF68C1C2)
YUV	166.5030, 13.5560, -54.8151
Hunter-Lab	67.2044, -25.5217, -4.2396

Details

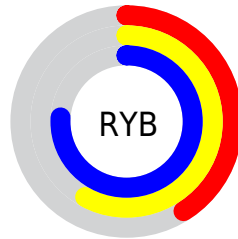
The CIELCh color **73, 27.797, 198.450** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **55, 38.876, 25.065**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 27.848, 197.675**, and **53, 27.822, 197.973** is the 20% darker color. If you saturate the color by 10%, you get **72, 31.953, 198.212**, and if you desaturate by 10%, it is **74, 22.860, 198.758**.

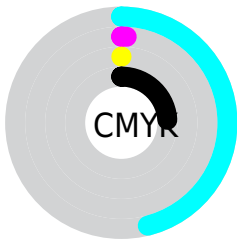
Distribution



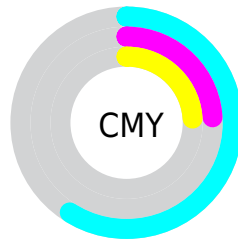
- Red (41%)
- Green (76%)
- Blue (76%)



- Red (41%)
- Yellow (58%)
- Blue (76%)



- Cyan (46%)
- Magenta (1%)
- Yellow (0%)
- Black (24%)





- Cyan (59%)
- Magenta (24%)
- Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 27.797, 198.450 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 73, 27.797, 198.450 by changing the saturation by 10% instead.

 73, 27.797,
198.450

 73, 27.797,
198.450

 100, 27.797,
198.450


 63, 27.797,
198.450


 93, 27.797,
198.450

 53, 27.797,
198.450

 43, 27.797,
198.450

 33, 27.797,
198.450

 23, 27.797,
198.450

 13, 27.797,
198.450

 3, 27.797, 198.450

0, 27.797, 198.450

73, 27.797,
198.450

73, 27.797,
198.450

72, 31.953,
198.212

74, 22.860,
198.758

72, 35.256,
198.057

75, 17.238,
199.138

71, 37.677,
197.984

76, 11.042,
199.586

71, 39.233,
197.993

78, 4.385, 200.139

71, 40.014,
198.080

79, 2.627, 20.328

81, 9.898, 21.028

71, 40.208,
198.121

83, 17.344, 21.623

■ 84, 22.997, 22.138

■ 84, 22.920, 22.410

Harmonies

Complementary

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



73, 27.797, 198.450



55, 38.876, 25.065

Rectangle

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



73, 27.797, 198.450



73, 27.797, 248.450



73, 27.797, 18.450



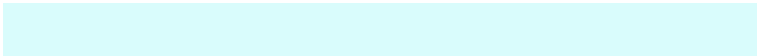
73, 27.797, 68.450

Sweetspot

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



73, 27.797, 198.448



97, 11.796, 199.689



71, 58.463, 140.781



52, 8.158, 199.580



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 27.797, 198.448



91, 39.163, 198.201



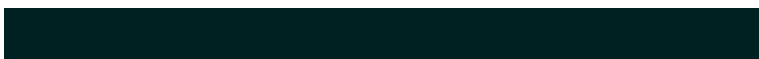
60, 28.195, 263.836



40, 3.904, 199.948



59, 34.925, 198.096



10, 12.288, 197.705

Inverse Universe

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



57, 57.813, 327.179



69, 84.251, 327.643



65, 32.212, 69.660



38, 7.172, 325.227



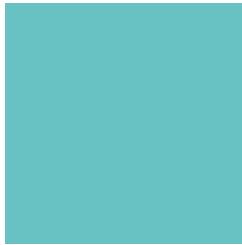
38, 81.108, 328.671



4, 23.970, 326.716

Previews

White Background



This preview shows how the CIELCh color 73, 27.797, 198.450 looks on a white background.

Color Contrast Check

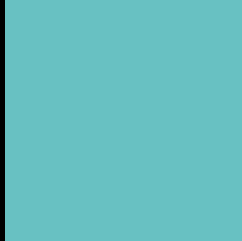
Large Text (above 18pt) WCAG AA × Fail

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 73, 27.797, 198.450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

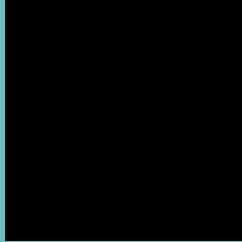
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

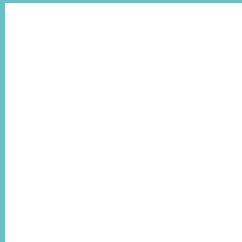
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 27.797, 198.450

Background



This preview shows how black text looks on a background with the CIELCh color 73, 27.797, 198.450.

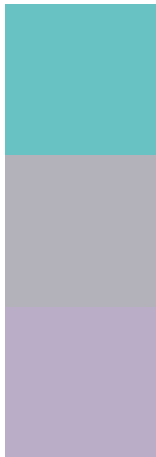


This preview shows how white text looks on a background with the CIELCh color 73, 27.797, 198.450.

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
73, 27.797, 198.450

Protanopia
73, 4.428, 300.171

Deuteranopia
73, 14.974, 309.652



Tritanopia
73, 26.334, 217.103

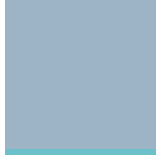
Trichromacy



Original Color
73, 27.797, 198.450



Protanomaly
72, 11.154, 212.792



Deuteranomaly
72, 12.236, 248.355

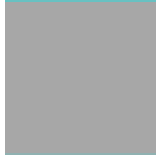


Tritanomaly
73, 26.504, 209.456

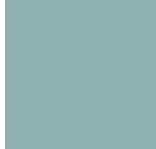
Monochromacy



Original Color
73, 27.797, 198.450



Achromatopsia
68, 0.008, 296.813



Achromatomaly
70, 11.758, 198.477

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 27.797, 198.450 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(104, 193, 194)` looks like.

```
.text, #text, p{  
    color:rgb(104, 193, 194)  
}
```

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(104, 193, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 193, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 27.797, 198.450 is called "border". The border property can be set on classes, ids or directly on the HTML element.

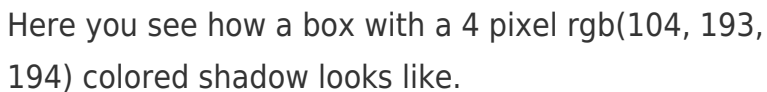
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(104, 193, 194) }
```

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

```
.border{ border-color:rgb(104, 193, 194) }
```

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



Here you see how a box with a 4 pixel `rgb(104, 193, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 193, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 193, 194);  
box-shadow:4px 4px 4px 4px rgb(104, 193,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 27.797, 198.450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 193, 194) }
```

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

```
.background{ background-color: rgb(104,  
193, 194) }
```

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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