

Converting Colors

CIELCh(73, 27.573, 201.923)

Have a look what the booklet for
CIELCh(73, 27.573, 201.923)
contains.

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Color

CIELCh(73, 27.580, 201.924)

Conversions

Conversions Part 1

Format	Color
Hex	68C1C5
RGB	104, 193, 197
RGB Percent	41%, 76%, 77%
CMY	0.5918, 0.2428, 0.2271
CMYK	0.47, 0.02, 0.00, 0.23
HSL	183°, 45%, 59%
HSV	183°, 47%, 77%
XYZ	34.8984, 45.1644, 59.7561
YIQ	166.8450, -54.3280, -17.6240

Conversions

Conversions Part 2

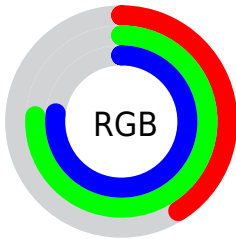
Format	Color
RYB	104, 149, 197
Decimal	6865349
CIELab	73.00, -25.59, -10.30
CIELCh	73, 27.580, 201.924
Yxy	45.1644, 0.2496, 0.3230
Android (android.graphics.Color)	4285055429 (0xFF68C1C5)
YUV	166.8450, 14.8664, -55.1151
Hunter-Lab	67.2044, -24.9150, -5.6757

Details

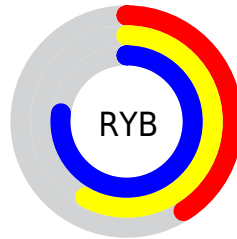
The CIELCh color **73, 27.580, 201.924** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **56, 39.161, 27.345**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 27.619, 202.039**, and **53, 27.501, 201.719** is the 20% darker color. If you saturate the color by 10%, you get **72, 31.549, 201.921**, and if you desaturate by 10%, it is **74, 22.827, 202.036**.

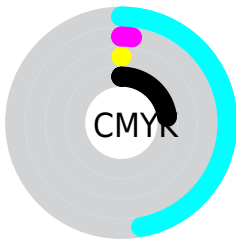
Distribution



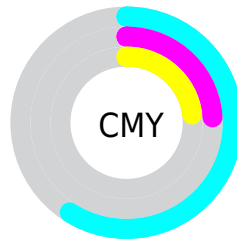
- Red (41%)
- Green (76%)
- Blue (77%)



- Red (41%)
- Yellow (58%)
- Blue (77%)



- Cyan (47%)
- Magenta (2%)
- Yellow (0%)
- Black (23%)





- Cyan (59%)
- Magenta (24%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 27.580, 201.924 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, 27.580, 201.924 by changing the saturation by 10% instead.


 73, 27.580,
201.924


 73, 27.580,
201.924


 100, 27.580,
201.924


 63, 27.580,
201.924


 93, 27.580,
201.924

 53, 27.580,
201.924

 43, 27.580,
201.924

 33, 27.580,
201.924

 23, 27.580,
201.924

 13, 27.580,
201.924

 3, 27.580, 201.924

0, 27.580, 201.924

73, 27.580,
201.924

73, 27.580,
201.924

72, 31.549,
201.921

74, 22.827,
202.036

71, 34.662,
202.048

75, 17.387,
202.249

71, 36.887,
202.316

77, 11.369,
202.553

70, 38.244,
202.735

78, 4.885, 202.971

70, 38.837,
203.305

80, 1.960, 22.985

82, 9.073, 23.653

70, 38.945,
203.477

84, 16.373, 24.159

■ 85, 21.136, 24.905

■ 85, 20.859, 26.128

Harmonies

Complementary

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



73, 27.580, 201.924



56, 39.161, 27.345

Rectangle

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



73, 27.580, 201.924



73, 27.580, 251.924



73, 27.580, 21.924



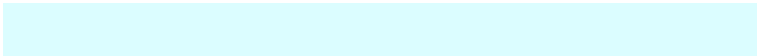
73, 27.580, 71.924

Sweetspot

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



73, 27.580, 201.922



97, 11.519, 202.661



72, 58.882, 141.537



51, 7.901, 202.580



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, 27.580, 201.922



91, 38.595, 201.926



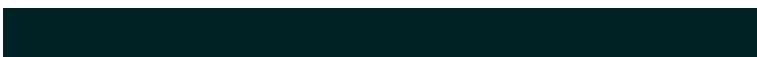
60, 30.265, 267.670



41, 3.864, 202.862



58, 33.882, 203.374



11, 12.404, 201.756

Inverse Universe

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



58, 58.233, 328.174



69, 84.362, 328.680



66, 33.671, 72.840



39, 7.170, 326.109



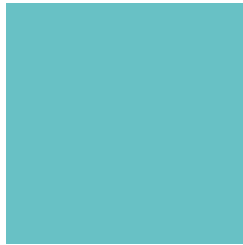
38, 80.043, 330.001



4, 25.778, 328.454

Previews

White Background



This preview shows how the CIELCh color 73, 27.580, 201.924 looks on a white background.

Color Contrast Check

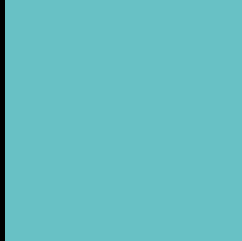
Large Text (above 18pt) WCAG AA × Fail

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 73, 27.580, 201.924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

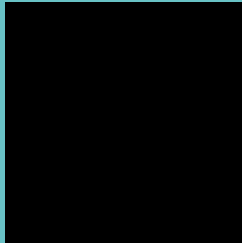
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

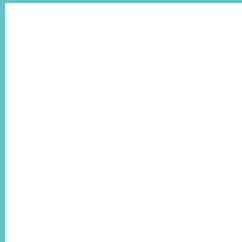
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 27.580, 201.924

Background



This preview shows how black text looks on a background with the CIELCh color 73, 27.580, 201.924.

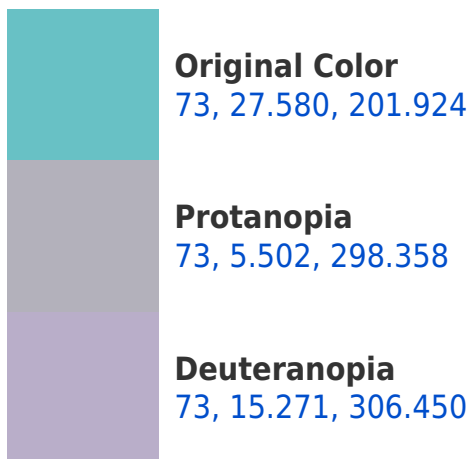


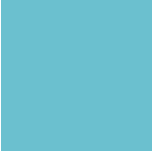
This preview shows how white text looks on a background with the CIELCh color 73, 27.580, 201.924.

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
73, 26.709, 215.521

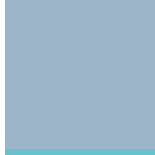
Trichromacy



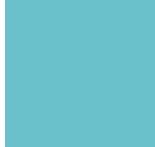
Original Color
73, 27.580, 201.924



Protanomaly
72, 11.534, 220.916



Deuteranomaly
72, 13.216, 250.671

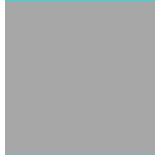


Tritanomaly
73, 26.753, 210.545

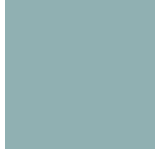
Monochromacy



Original Color
73, 27.580, 201.924



Achromatopsia
68, 0.008, 296.813



Achromatomaly
70, 11.393, 204.071

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 27.580, 201.924 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, 197)` looks like.

```
.text, #text, p{  
    color:rgb(104, 193, 197)  
}
```

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, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 193, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 27.580, 201.924 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, 197) }
```

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

```
.border{ border-color:rgb(104, 193, 197) }
```

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, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 193, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 193, 197);  
box-shadow:4px 4px 4px 4px rgb(104, 193,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 27.580, 201.924 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, 197) }
```

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

```
.background{ background-color: rgb(104,  
193, 197) }
```

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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