

Converting Colors

CIELCh(73, 25.472, 207.290)

Have a look what the booklet for
CIELCh(73, 25.472, 207.290)
contains.

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Color

CIELCh(73, 25.539, 207.443)

Conversions

Conversions Part 1

Format	Color
Hex	6FC0C8
RGB	111, 192, 200
RGB Percent	44%, 75%, 78%
CMY	0.5653, 0.2476, 0.2163
CMYK	0.45, 0.04, 0.00, 0.22
HSL	185°, 45%, 61%
HSV	185°, 45%, 78%
XYZ	35.7594, 45.1644, 61.3825
YIQ	168.6930, -50.8440, -14.6840

Conversions

Conversions Part 2

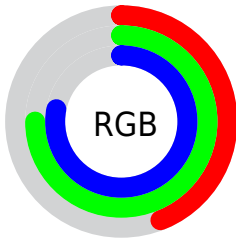
Format	Color
RYB	111, 153, 200
Decimal	7323848
CIELab	73.00, -22.67, -11.77
CIELCh	73, 25.539, 207.443
Yxy	45.1644, 0.2513, 0.3174
Android (android.graphics.Color)	4285513928 (0xFF6FC0C8)
YUV	168.6930, 15.4344, -50.5968
Hunter-Lab	67.2044, -22.6283, -7.1106

Details

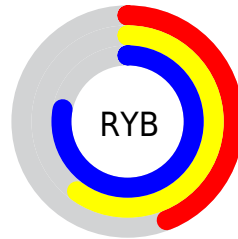
The CIELCh color **73, 25.539, 207.443** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **59, 35.693, 30.369**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 25.729, 204.814**, and **53, 25.551, 207.631** is the 20% darker color. If you saturate the color by 10%, you get **72, 29.577, 207.772**, and if you desaturate by 10%, it is **74, 20.758, 207.279**.

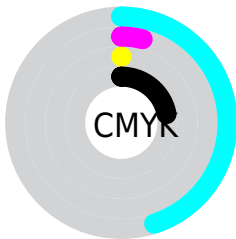
Distribution



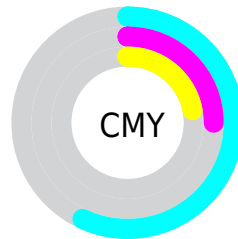
- Red (44%)
- Green (75%)
- Blue (78%)



- Red (44%)
- Yellow (60%)
- Blue (78%)



- Cyan (45%)
- Magenta (4%)
- Yellow (0%)
- Black (22%)





- Cyan (57%)
- Magenta (25%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 25.539, 207.443 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, 25.539, 207.443 by changing the saturation by 10% instead.


 73, 25.539,
207.443


 73, 25.539,
207.443


 100, 25.539,
207.443


 63, 25.539,
207.443


 93, 25.539,
207.443

 53, 25.539,
207.443

 43, 25.539,
207.443

 33, 25.539,
207.443

 23, 25.539,
207.443

 13, 25.539,
207.443

 3, 25.539, 207.443

0, 25.539, 207.443

73, 25.539,
207.443

73, 25.539,
207.443

72, 29.577,
207.772

74, 20.758,
207.279

71, 32.792,
208.307

76, 15.338,
207.262

70, 35.135,
209.077

78, 9.385, 207.371

80, 3.006, 207.673

69, 36.608,
210.116

82, 3.702, 27.584

68, 37.280,
211.452

84, 10.654, 27.983

68, 37.440,
212.270

86, 17.778, 28.345

■ 87, 18.908, 30.765

■ 87, 18.441, 33.882

Harmonies

Complementary

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



73, 25.539, 207.443



59, 35.693, 30.369

Rectangle

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



73, 25.539, 207.443



73, 25.539, 257.443



73, 25.539, 27.443



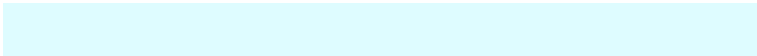
73, 25.539, 77.443

Sweetspot

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



73, 25.539, 207.441



97, 10.270, 207.396



73, 54.540, 143.180



51, 7.140, 207.356



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, 25.539, 207.441



89, 35.196, 207.740



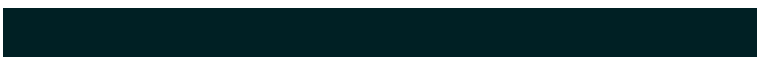
61, 30.825, 271.892



41, 3.700, 207.483



56, 32.249, 212.012



10, 11.888, 208.240

Inverse Universe

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



59, 54.122, 329.520



70, 76.944, 330.025



69, 32.797, 77.969



39, 6.942, 327.478



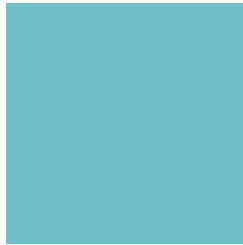
38, 77.176, 332.127



4, 24.748, 330.177

Previews

White Background



This preview shows how the CIELCh color 73, 25.539, 207.443 looks on a white background.

Color Contrast Check

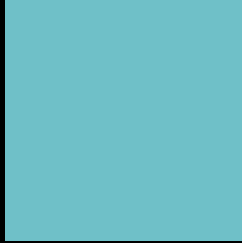
Large Text (above 18pt) WCAG AA × Fail

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, 25.539, 207.443 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

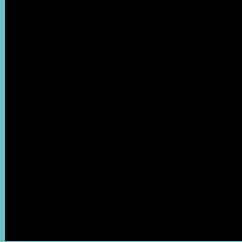
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 25.539, 207.443

Background



This preview shows how black text looks on a background with the CIELCh color 73, 25.539, 207.443.

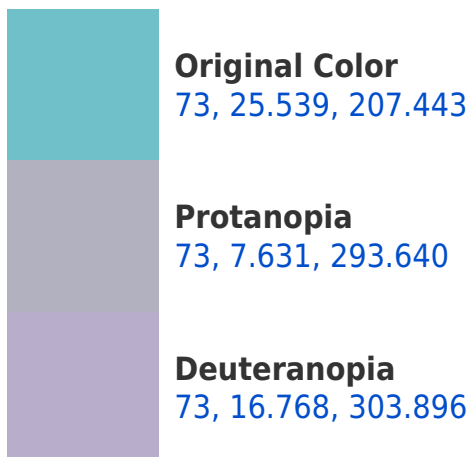


This preview shows how white text looks on a background with the CIELCh color 73, 25.539, 207.443.

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, 25.111, 216.820

Trichromacy



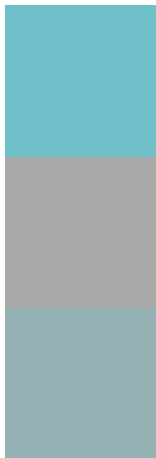
Original Color
73, 25.539, 207.443

Protanomaly
72, 11.544, 233.375

Deuteranomaly
72, 14.108, 257.438

Tritanomaly
73, 25.200, 214.090

Monochromacy



Original Color
73, 25.539, 207.443

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 10.409, 207.739

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 25.539, 207.443 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(111, 192, 200)` looks like.

```
.text, #text, p{  
    color:rgb(111, 192, 200)  
}
```

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(111, 192, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 192, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 25.539, 207.443 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(111, 192, 200) }
```

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

```
.border{ border-color:rgb(111, 192, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 192, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 192, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 192, 200);  
box-shadow:4px 4px 4px 4px rgb(111, 192,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 25.539, 207.443 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 192, 200) }
```

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

```
.background{ background-color: rgb(111,  
192, 200) }
```

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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