

Converting Colors

CIELCh(73, 23.011, 197.850)

Have a look what the booklet for
CIELCh(73, 23.011, 197.850)
contains.

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Color

CIELCh(73, 22.993, 197.657)

Conversions

Conversions Part 1

Format	Color
Hex	79BFBF
RGB	121, 191, 191
RGB Percent	47%, 75%, 75%
CMY	0.5249, 0.2504, 0.2504
CMYK	0.37, 0.00, 0.00, 0.25
HSL	180°, 35%, 61%
HSV	180°, 37%, 75%
XYZ	35.9843, 45.1644, 56.1909
YIQ	170.0700, -41.7200, -14.8400

Conversions

Conversions Part 2

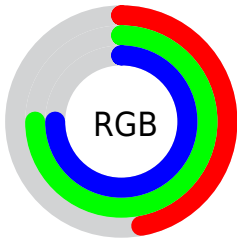
Format	Color
RYB	121, 156, 191
Decimal	7978943
CIELab	73.00, -21.91, -6.97
CIElCh	73, 22.993, 197.657
Yxy	45.1644, 0.2620, 0.3289
Android (android.graphics.Color)	4286169023 (0xFF79BFBF)
YUV	170.0700, 10.3185, -43.0344
Hunter-Lab	67.2044, -22.0308, -2.5303

Details

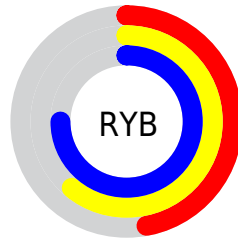
The CIELCh color **73, 22.993, 197.657** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58, 29.658, 22.756**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 23.257, 196.668**, and **53, 22.818, 198.675** is the 20% darker color. If you saturate the color by 10%, you get **72, 27.908, 197.285**, and if you desaturate by 10%, it is **74, 17.396, 198.083**.

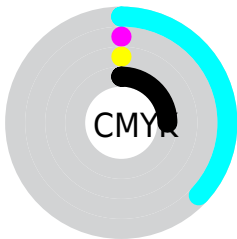
Distribution



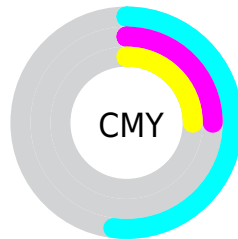
- Red (47%)
- Green (75%)
- Blue (75%)



- Red (47%)
- Yellow (61%)
- Blue (75%)



- Cyan (37%)
- Magenta (0%)
- Yellow (0%)
- Black (25%)





- Cyan (52%)
- Magenta (25%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 22.993, 197.657 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, 22.993, 197.657 by changing the saturation by 10% instead.


 73, 22.993,
197.657


 73, 22.993,
197.657


 100, 22.993,
197.657


 63, 22.993,
197.657


 93, 22.993,
197.657

 53, 22.993,
197.657

 43, 22.993,
197.657

 33, 22.993,
197.657

 23, 22.993,
197.657

 13, 22.993,
197.657

 3, 22.993, 197.657

0, 22.993, 197.657

73, 22.993,
197.657

73, 22.993,
197.657

72, 27.908,
197.285

74, 17.396,
198.083

72, 32.046,
196.980

75, 11.226,
198.572

71, 35.339,
196.741

76, 4.593, 199.157

78, 2.394, 19.370

71, 37.761,
196.566

79, 9.638, 20.117

70, 39.333,
196.454

81, 17.057, 20.741

70, 40.150,
196.395

83, 24.582, 21.364

■ 70, 40.349,
196.381

■ 83, 24.606, 21.366

■ 83, 24.606, 21.365

Harmonies

Complementary

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



73, 22.993, 197.657



58, 29.658, 22.756

Rectangle

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



73, 22.993, 197.657



73, 22.993, 247.657



73, 22.993, 17.657



73, 22.993, 67.657

Sweetspot

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



73, 22.993, 197.654



95, 9.299, 198.871



71, 45.882, 141.387



51, 6.276, 198.793



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



73, 22.993, 197.654



91, 32.792, 197.352



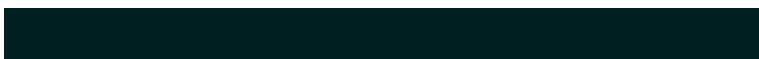
63, 21.793, 259.593



39, 3.863, 198.979



59, 35.061, 196.381



9, 11.663, 196.735

Inverse Universe

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



58, 29.658, 22.756



69, 45.116, 24.051



66, 24.420, 69.164



37, 4.096, 19.915



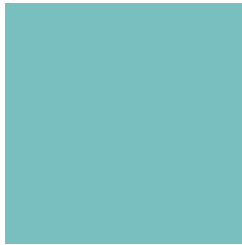
32, 72.801, 39.663



3, 12.251, 19.403

Previews

White Background



This preview shows how the CIE LCh color 73, 22.993, 197.657 looks on a white background.

Color Contrast Check

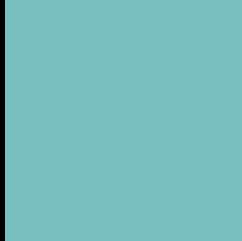
Large Text (above 18pt) WCAG AA × Fail

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, 22.993, 197.657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

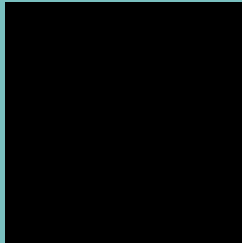
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

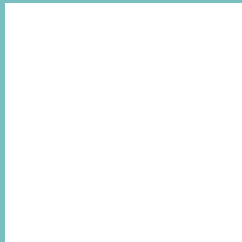
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 22.993, 197.657

Background



This preview shows how black text looks on a background with the CIELCh color 73, 22.993, 197.657.

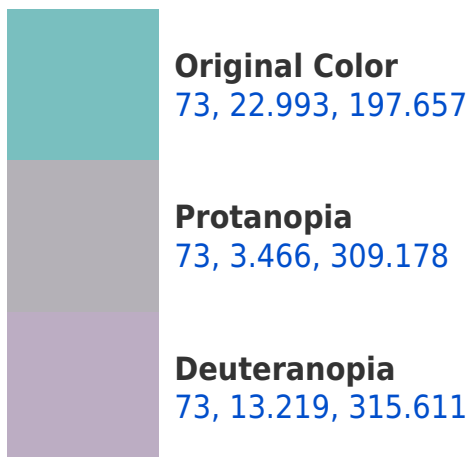


This preview shows how white text looks on a background with the CIELCh color 73, 22.993, 197.657.

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, 21.714, 220.202

Trichromacy



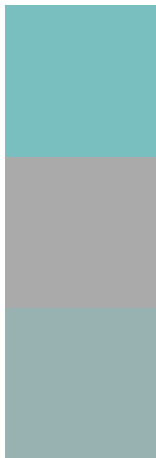
Original Color
73, 22.993, 197.657

Protanomaly
72, 8.444, 213.807

Deuteranomaly
73, 9.357, 253.803

Tritanomaly
73, 21.722, 210.965

Monochromacy



Original Color
73, 22.993, 197.657

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 9.364, 198.687

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 22.993, 197.657 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(121, 191, 191)` looks like.

```
.text, #text, p{  
    color:rgb(121, 191, 191)  
}
```

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(121, 191, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 191, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 22.993, 197.657 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(121, 191, 191) }
```

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

```
.border{ border-color:rgb(121, 191, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 191, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 191, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 191, 191);  
box-shadow:4px 4px 4px 4px rgb(121, 191,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 22.993, 197.657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 191, 191) }
```

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

```
.background{ background-color: rgb(121,  
191, 191) }
```

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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