

Converting Colors

CIELCh(73, 21.078, 197.832)

Have a look what the booklet for
CIELCh(73, 21.078, 197.832)
contains.

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Color

CIELCh(73, 21.024, 197.800)

Conversions

Conversions Part 1

Format	Color
Hex	7FBEBE
RGB	127, 190, 190
RGB Percent	50%, 75%, 75%
CMY	0.5012, 0.2541, 0.2541
CMYK	0.33, 0.00, 0.00, 0.25
HSL	180°, 33%, 62%
HSV	180°, 33%, 75%
XYZ	36.5520, 45.1644, 55.6178
YIQ	171.1630, -37.5480, -13.3560

Conversions

Conversions Part 2

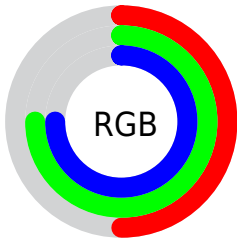
Format	Color
RYB	127, 159, 190
Decimal	8371902
CIELab	73.00, -20.02, -6.43
CIELCh	73, 21.024, 197.800
Yxy	45.1644, 0.2662, 0.3289
Android (android.graphics.Color)	4286561982 (0xFF7FBEBE)
YUV	171.1630, 9.2866, -38.7310
Hunter-Lab	67.2044, -20.5229, -2.0247

Details

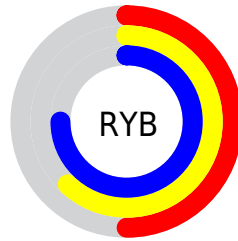
The CIELCh color **73, 21.024, 197.800** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **60, 26.389, 22.273**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 20.881, 198.096**, and **53, 20.816, 198.996** is the 20% darker color. If you saturate the color by 10%, you get **72, 26.169, 197.407**, and if you desaturate by 10%, it is **74, 15.237, 198.246**.

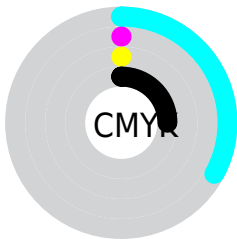
Distribution



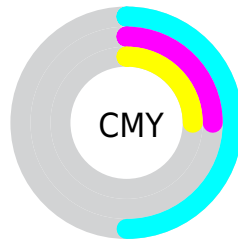
- Red (50%)
- Green (75%)
- Blue (75%)



- Red (50%)
- Yellow (62%)
- Blue (75%)



- Cyan (33%)
- Magenta (0%)
- Yellow (0%)
- Black (25%)





- Cyan (50%)
- Magenta (25%)
- Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 21.024, 197.800 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, 21.024, 197.800 by changing the saturation by 10% instead.

 73, 21.024,
197.800

 73, 21.024,
197.800


 100, 21.024,
197.800


 63, 21.024,
197.800


 93, 21.024,
197.800

 53, 21.024,
197.800

 43, 21.024,
197.800

 33, 21.024,
197.800

 23, 21.024,
197.800

 13, 21.024,
197.800

 3, 21.024, 197.800

0, 21.024, 197.800

73, 21.024,
197.800

73, 21.024,
197.800

72, 26.169,
197.407

74, 15.237,
198.246

71, 30.572,
197.079

75, 8.917, 198.760

71, 34.153,
196.816

77, 2.176, 199.473

78, 4.883, 19.682

70, 36.871,
196.619

80, 12.168, 20.335

70, 38.729,
196.485

82, 19.601, 20.957

83, 25.005, 21.406

70, 39.787,
196.409

83, 25.005, 21.405

■ 70, 40.201,
196.379

■ 83, 25.005, 21.404

Harmonies

Complementary

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



73, 21.024, 197.800



60, 26.389, 22.273

Rectangle

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



73, 21.024, 197.800



73, 21.024, 247.800



73, 21.024, 17.800



73, 21.024, 67.800

Sweetspot

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



73, 21.024, 197.797



96, 8.476, 198.929



72, 41.423, 141.703



51, 5.808, 198.846



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, 21.024, 197.797



92, 30.405, 197.498



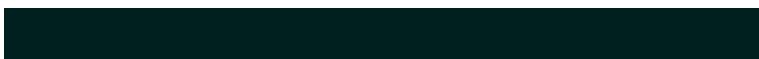
64, 19.698, 258.841



39, 3.863, 198.978



59, 35.061, 196.379



9, 11.663, 196.733

Inverse Universe

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



60, 26.389, 22.273



72, 40.483, 23.363



67, 21.806, 69.590



37, 4.096, 19.914



32, 72.801, 39.663



3, 12.251, 19.402

Previews

White Background



This preview shows how the CIELCh color 73, 21.024, 197.800 looks on a white background.

Color Contrast Check

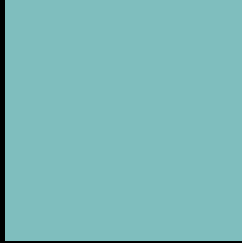
Large Text (above 18pt) WCAG AA × Fail

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, 21.024, 197.800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

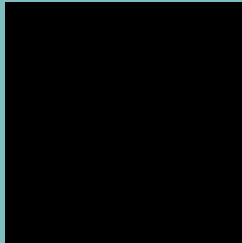
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

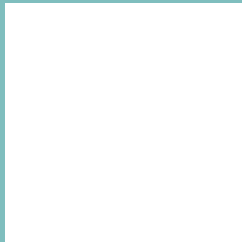
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 21.024, 197.800

Background



This preview shows how black text looks on a background with the CIELCh color 73, 21.024, 197.800.

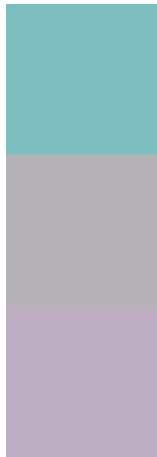


This preview shows how white text looks on a background with the CIELCh color 73, 21.024, 197.800.

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, 21.024, 197.800

Protanopia

73, 3.466, 309.178

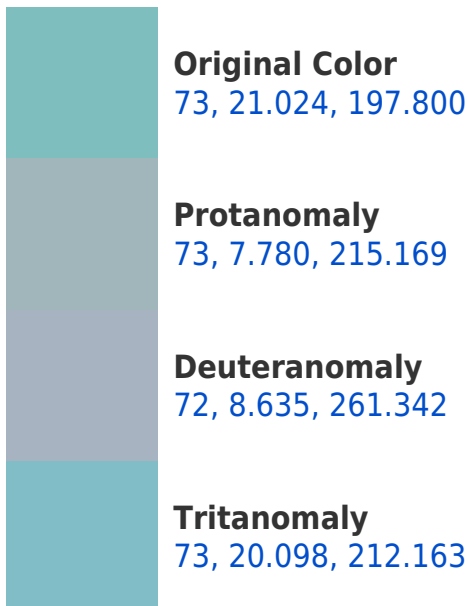
Deuteranopia

73, 12.891, 318.107

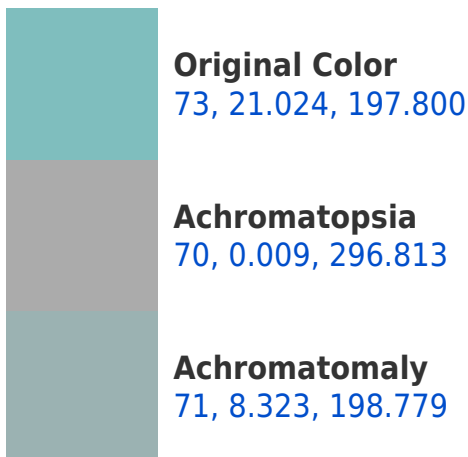


Tritanopia
73, 20.190, 222.094

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 21.024, 197.800 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(127, 190, 190)` looks like.

```
.text, #text, p{  
    color:rgb(127, 190, 190)  
}
```

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(127, 190, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 190, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 21.024, 197.800 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(127, 190, 190) }
```

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

```
.border{ border-color:rgb(127, 190, 190) }
```

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

Here you see how a box with a 4 pixel rgb(127, 190, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 190, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 190, 190);  
box-shadow:4px 4px 4px 4px rgb(127, 190,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 21.024, 197.800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 190, 190) }
```

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

```
.background{ background-color: rgb(127,  
190, 190) }
```

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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