

Converting Colors

CIELCh(72, 22.095, 203.825)

Have a look what the booklet for
CIELCh(72, 22.095, 203.825)
contains.

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Color

CIELCh(72, 22.235, 203.399)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 78BCC0 |
| RGB | 120, 188, 192 |
| RGB Percent | 47%, 74%, 75% |
| CMY | 0.5302, 0.2635, 0.2478 |
| CMYK | 0.38, 0.02, 0.00, 0.25 |
| HSL | 183°, 36%, 61% |
| HSV | 183°, 38%, 75% |
| XYZ | 35.1530, 43.6590, 56.3296 |
| YIQ | 168.1240, -41.8120, -13.1720 |

Conversions

Conversions Part 2

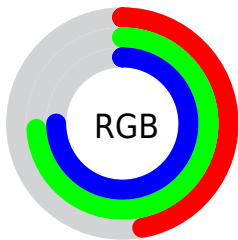
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 120, 155, 192 |
| Decimal | 7912640 |
| CIE Lab | 72.00, -20.41, -8.83 |
| CIE LCh | 72, 22.235, 203.399 |
| Yxy | 43.6590, 0.2601, 0.3231 |
| Android (android.graphics.Color) | 4286102720 (0xFF78BCC0) |
| YUV | 168.1240, 11.7709, -42.2047 |
| Hunter-Lab | 66.0750, -20.6661, -4.2928 |

Details

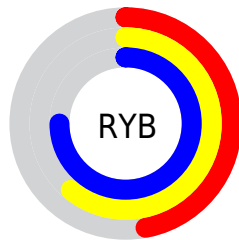
The CIELCh color **72, 22.235, 203.399** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59, 29.132, 26.908**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 22.202, 203.417**, and **52, 22.333, 203.298** is the 20% darker color. If you saturate the color by 10%, you get **71, 26.804, 203.366**, and if you desaturate by 10%, it is **73, 16.999, 203.538**.

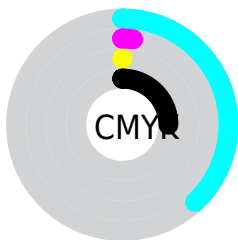
Distribution



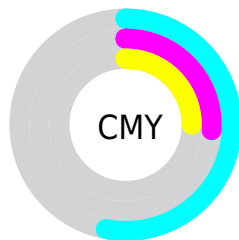
- Red (47%)
- Green (74%)
- Blue (75%)



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



- Cyan (38%)
- Magenta (2%)
- Yellow (0%)
- Black (25%)




- Cyan (53%)
- Magenta (26%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 22.235, 203.399 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 72, 22.235, 203.399 by changing the saturation by 10% instead.


 72, 22.235,
203.399

 72, 22.235,
203.399


 100, 22.235,
203.399

 62, 22.235,
203.399


 92, 22.235,
203.399

 52, 22.235,
203.399

 42, 22.235,
203.399

 32, 22.235,
203.399

 22, 22.235,
203.399

 12, 22.235,
203.399

 2, 22.235, 203.399

■ 0, 22.235, 203.399

■ 72, 22.235,
203.399

■ 72, 22.235,
203.399

■ 71, 26.804,
203.366

■ 73, 16.999,
203.538

■ 70, 30.612,
203.465

■ 75, 11.201,
203.781

■ 69, 33.589,
203.713

■ 76, 4.949, 204.141

■ 68, 35.703,
204.127

■ 78, 1.656, 24.066

■ 68, 36.974,
204.723

■ 80, 8.524, 24.733

■ 67, 37.510,
205.502

■ 84, 22.755, 25.674

■ 67, 37.599,
205.704

■ 84, 22.777, 27.042

■ 85, 22.449, 28.497

Harmonies

Complementary

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



72, 22.235, 203.399



59, 29.132, 26.908

Rectangle

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



72, 22.235, 203.399



72, 22.235, 253.399



72, 22.235, 23.399



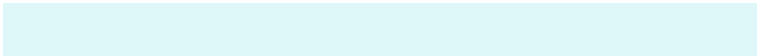
72, 22.235, 73.399

Sweetspot

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



72, 22.235, 203.396



96, 8.872, 203.990



72, 45.803, 142.995



51, 5.938, 203.940



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



72, 22.235, 203.396



90, 31.759, 203.362



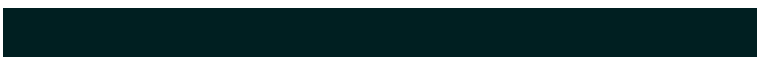
62, 24.112, 266.980



40, 3.737, 204.060



57, 33.000, 205.573



10, 11.691, 203.416

Inverse Universe

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



60, 45.576, 328.050



73, 66.975, 328.483



68, 25.934, 75.774



38, 6.958, 326.465



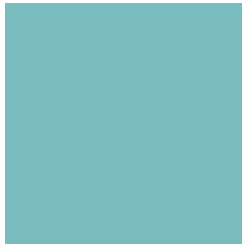
37, 78.356, 330.546



4, 23.002, 328.251

Previews

White Background



This preview shows how the CIELCh color 72, 22.235, 203.399 looks on a white background.

Color Contrast Check

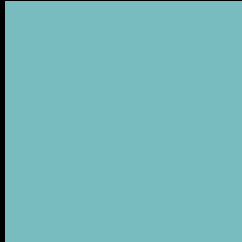
Large Text (above 18pt) WCAG AA × Fail

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 72, 22.235, 203.399 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

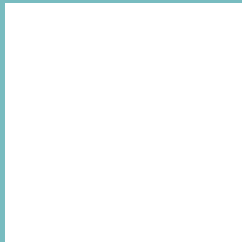
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 22.235, 203.399

Background



This preview shows how black text looks on a background with the CIELCh color 72, 22.235, 203.399.

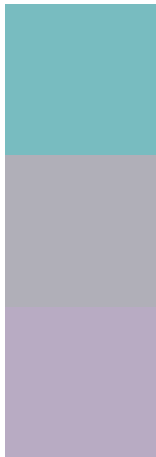


This preview shows how white text looks on a background with the CIELCh color 72, 22.235, 203.399.

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](#).

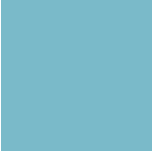
Dichromacy



Original Color
72, 22.235, 203.399

Protanopia
72, 4.929, 294.939

Deuteranopia
72, 13.978, 311.036



Tritanopia
72, 21.722, 220.251

Trichromacy



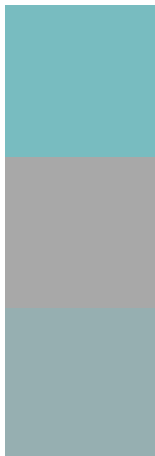
Original Color
72, 22.235, 203.399

Protanomaly
72, 9.229, 223.330

Deuteranomaly
71, 10.705, 259.443

Tritanomaly
72, 21.841, 213.920

Monochromacy



Original Color
72, 22.235, 203.399

Achromatopsia
69, 0.009, 296.813

Achromatomaly
70, 9.034, 205.719

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 22.235, 203.399 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(120, 188, 192)` looks like.

```
.text, #text, p{  
    color:rgb(120, 188, 192)  
}
```

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(120, 188, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 188, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 22.235, 203.399 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(120, 188, 192) }
```

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

```
.border{ border-color:rgb(120, 188, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 188, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 188, 192); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 188, 192); box-shadow:4px 4px 4px 4px rgb(120, 188, 192) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 22.235, 203.399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 188, 192) }
```

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

```
.background{ background-color: rgb(120,  
188, 192) }
```

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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