

Converting Colors

CIELCh(73, 22.577, 232.259)

Have a look what the booklet for
CIELCh(73, 22.577, 232.259)
contains.

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Color

CIELCh(73, 22.450, 232.265)

Conversions

Conversions Part 1

Format	Color
Hex	7FBCD3
RGB	127, 188, 211
RGB Percent	50%, 74%, 83%
CMY	0.5021, 0.2629, 0.1727
CMYK	0.40, 0.11, 0.00, 0.17
HSL	196°, 49%, 66%
HSV	196°, 40%, 83%
XYZ	38.4782, 45.1644, 68.2972
YIQ	172.3830, -43.7390, -5.7790

Conversions

Conversions Part 2

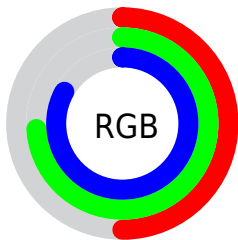
Format	Color
RYB	127, 162, 211
Decimal	8371411
CIELab	73.00, -13.74, -17.75
CIELCh	73, 22.450, 232.265
Yxy	45.1644, 0.2532, 0.2973
Android (android.graphics.Color)	4286561491 (0xFF7FBCD3)
YUV	172.3830, 19.0382, -39.8009
Hunter-Lab	67.2044, -15.4069, -13.2110

Details

The CIELCh color **73, 22.450, 232.265** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **67, 29.222, 46.671**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 20.185, 214.712**, and **53, 22.430, 230.947** is the 20% darker color. If you saturate the color by 10%, you get **70, 26.962, 234.032**, and if you desaturate by 10%, it is **76, 17.407, 230.883**.

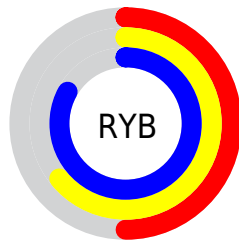
Distribution



Red (50%)

Green (74%)

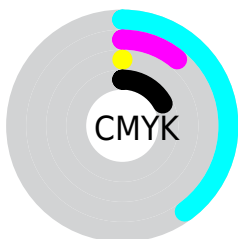
Blue (83%)



Red (50%)

Yellow (64%)

Blue (83%)

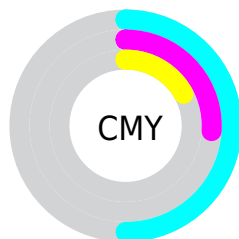


Cyan (40%)

Magenta (11%)

Yellow (0%)

Black (17%)



Cyan (50%)


Magenta (26%)


Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 22.450, 232.265 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, 22.450, 232.265 by changing the saturation by 10% instead.


 73, 22.450,
232.265

 73, 22.450,
232.265


 100, 22.450,
232.265


 63, 22.450,
232.265


 93, 22.450,
232.265

 53, 22.450,
232.265

 43, 22.450,
232.265

 33, 22.450,
232.265

 23, 22.450,
232.265

 13, 22.450,
232.265

 3, 22.450, 232.265

0, 22.450, 232.265

73, 22.450,
232.265

73, 22.450,
232.265

70, 26.962,
234.032

76, 17.407,
230.883

68, 30.881,
236.279

79, 11.913,
229.821

66, 34.176,
239.098

82, 6.048, 229.034

85, 0.113, 43.517

63, 36.868,
242.571

88, 6.501, 47.737

61, 39.047,
246.740

91, 13.061, 47.410

60, 40.937,
251.462

92, 13.426, 61.627

■ 59, 40.973,
251.548

■ 94, 14.240, 76.087

■ 95, 15.844, 88.235

Harmonies

Complementary

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



73, 22.450, 232.265



67, 29.222, 46.671

Rectangle

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



73, 22.450, 232.265



73, 22.450, 282.265



73, 22.450, 52.265



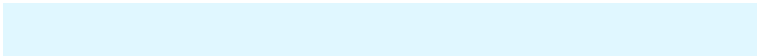
73, 22.450, 102.265

Sweetspot

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



73, 22.449, 232.262



96, 8.578, 229.191



78, 44.794, 149.566



51, 5.672, 229.288



0, 0.000, 0.000



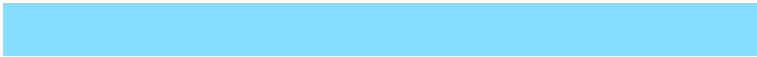
53, 0.007, 296.813

Same Dimension

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



73, 22.449, 232.262



84, 30.470, 233.778



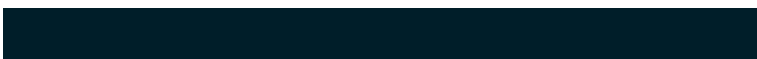
62, 36.426, 284.589



43, 3.474, 229.008



48, 34.427, 250.697



10, 12.455, 239.733

Inverse Universe

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



64, 44.929, 336.124



72, 62.355, 336.858



78, 35.052, 93.479



41, 6.353, 333.840



37, 68.879, 342.864



5, 25.189, 339.447

Previews

White Background



This preview shows how the CIELCh color 73, 22.450, 232.265 looks on a white background.

Color Contrast Check

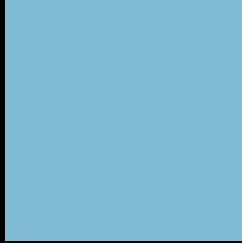
Large Text (above 18pt) WCAG AA × Fail

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, 22.450, 232.265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

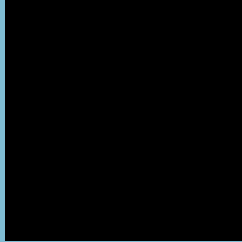
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 22.450, 232.265

Background



This preview shows how black text looks on a background with the CIELCh color 73, 22.450, 232.265.



This preview shows how white text looks on a background with the CIELCh color 73, 22.450, 232.265.

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

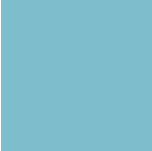
73, 22.450, 232.265

Protanopia

73, 14.697, 287.505

Deuteranopia

73, 21.854, 295.840



Tritanopia
73, 21.714, 220.202

Trichromacy



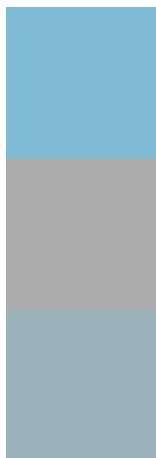
Original Color
73, 22.450, 232.265

Protanomaly
73, 16.049, 261.186

Deuteranomaly
73, 19.442, 271.889

Tritanomaly
73, 21.908, 224.763

Monochromacy



Original Color
73, 22.450, 232.265

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 8.850, 228.561

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 22.450, 232.265 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, 188, 211)` looks like.

```
.text, #text, p{  
    color:rgb(127, 188, 211)  
}
```

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, 188, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 188, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 22.450, 232.265 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, 188, 211) }
```

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

```
.border{ border-color:rgb(127, 188, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 188, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 188, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 188, 211);  
box-shadow:4px 4px 4px 4px rgb(127, 188,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 22.450, 232.265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 188, 211) }
```

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

```
.background{ background-color: rgb(127,  
188, 211) }
```

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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