

Converting Colors

CIELCh(73, 20.120, 225.988)

Have a look what the booklet for
CIELCh(73, 20.120, 225.988)
contains.

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Color

CIELCh(73, 20.013, 225.860)

Conversions

Conversions Part 1

Format	Color
Hex	84BCCD
RGB	132, 188, 205
RGB Percent	52%, 74%, 80%
CMY	0.4831, 0.2635, 0.1969
CMYK	0.36, 0.08, 0.00, 0.20
HSL	194°, 42%, 66%
HSV	194°, 36%, 80%
XYZ	38.4165, 45.1644, 64.3172
YIQ	173.1940, -38.8330, -6.5850

Conversions

Conversions Part 2

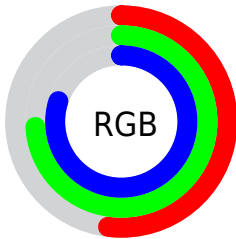
Format	Color
RYB	132, 164, 205
Decimal	8699085
CIELab	73.00, -13.94, -14.36
CIElCh	73, 20.013, 225.860
Yxy	45.1644, 0.2598, 0.3054
Android (android.graphics.Color)	4286889165 (0xFF84BCCD)
YUV	173.1940, 15.6804, -36.1271
Hunter-Lab	67.2044, -15.5706, -9.6996

Details

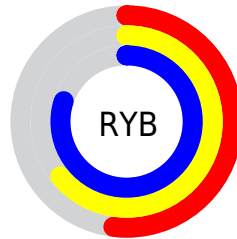
The CIELCh color **73, 20.013, 225.860** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **67, 25.563, 42.561**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 19.066, 215.769**, and **53, 19.970, 225.719** is the 20% darker color. If you saturate the color by 10%, you get **71, 24.570, 227.144**, and if you desaturate by 10%, it is **75, 14.918, 224.886**.

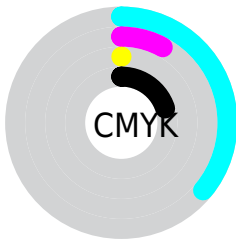
Distribution



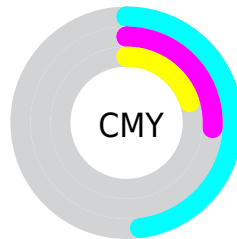
- Red (52%)
- Green (74%)
- Blue (80%)



- Red (52%)
- Yellow (64%)
- Blue (80%)



- Cyan (36%)
- Magenta (8%)
- Yellow (0%)
- Black (20%)





- Cyan (48%)
- Magenta (26%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 20.013, 225.860 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, 20.013, 225.860 by changing the saturation by 10% instead.


 73, 20.013,
225.860


 73, 20.013,
225.860


 100, 20.013,
225.860


 63, 20.013,
225.860


 93, 20.013,
225.860

 53, 20.013,
225.860

 43, 20.013,
225.860

 33, 20.013,
225.860

 23, 20.013,
225.860

 13, 20.013,
225.860

 3, 20.013, 225.860

0, 20.013, 225.860

73, 20.013,
225.860

73, 20.013,
225.860

71, 24.570,
227.144

75, 14.918,
224.886

68, 28.509,
228.822

78, 9.374, 224.175

66, 31.771,
230.978

81, 3.467, 223.736

84, 2.726, 42.994

64, 34.337,
233.702

86, 9.138, 42.865

63, 36.249,
237.072

89, 15.710, 42.713

91, 15.389, 53.316

61, 37.627,
241.121

92, 15.523, 64.279

■ 60, 38.171,
242.987

■ 93, 16.212, 74.647

Harmonies

Complementary

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



73, 20.013, 225.860



67, 25.563, 42.561

Rectangle

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



73, 20.013, 225.860



73, 20.013, 275.860



73, 20.013, 45.860



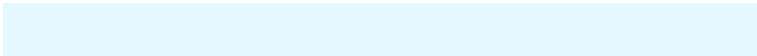
73, 20.013, 95.860

Sweetspot

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



73, 20.013, 225.857



96, 7.969, 223.934



76, 40.774, 148.261



51, 5.336, 224.002



0, 0.000, 0.000



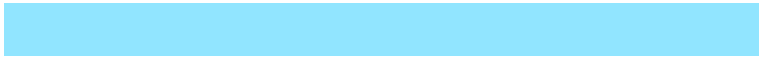
53, 0.007, 296.813

Same Dimension

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



73, 20.013, 225.857



87, 27.917, 226.845



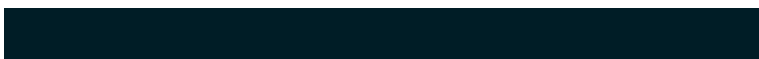
63, 29.710, 280.505



42, 3.443, 223.856



49, 32.515, 242.247



9, 11.756, 232.016

Inverse Universe

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



64, 40.517, 334.106



74, 57.906, 334.698



75, 29.290, 90.437



40, 6.409, 332.271



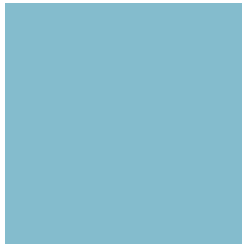
37, 70.080, 340.102



5, 24.000, 337.025

Previews

White Background



This preview shows how the CIELCh color 73, 20.013, 225.860 looks on a white background.

Color Contrast Check

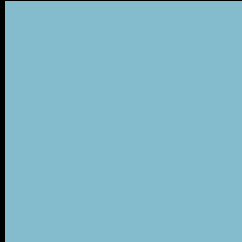
Large Text (above 18pt) WCAG AA × Fail

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, 20.013, 225.860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

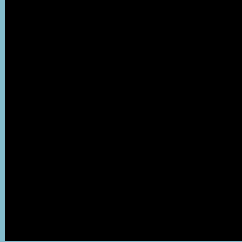
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

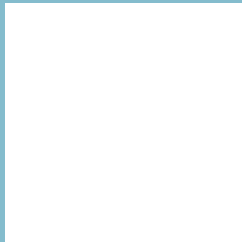
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 20.013, 225.860

Background



This preview shows how black text looks on a background with the CIELCh color 73, 20.013, 225.860.



This preview shows how white text looks on a background with the CIELCh color 73, 20.013, 225.860.

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, 20.013, 225.860

Protanopia
73, 11.420, 289.500

Deuteranopia
73, 18.772, 300.493



Tritanopia
73, 19.932, 222.440

Trichromacy



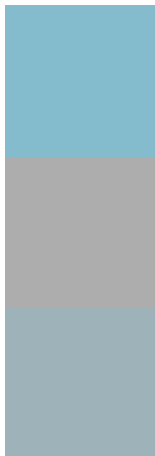
Original Color
73, 20.013, 225.860

Protanomaly
73, 12.438, 255.474

Deuteranomaly
73, 15.915, 272.866

Tritanomaly
73, 20.091, 223.969

Monochromacy



Original Color
73, 20.013, 225.860

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 8.016, 227.488

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 20.013, 225.860 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(132, 188, 205)` looks like.

```
.text, #text, p{  
    color:rgb(132, 188, 205)  
}
```

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(132, 188, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 188, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 20.013, 225.860 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(132, 188, 205) }
```

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

```
.border{ border-color:rgb(132, 188, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 188, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 188, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 188, 205);  
box-shadow:4px 4px 4px 4px rgb(132, 188,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 20.013, 225.860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 188, 205) }
```

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

```
.background{ background-color: rgb(132,  
188, 205) }
```

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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