

Converting Colors

CIELCh(73, 20.824, 239.191)

Have a look what the booklet for
CIELCh(73, 20.824, 239.191)
contains.

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Color

CIELCh(73, 20.798, 239.511)

Conversions

Conversions Part 1

Format	Color
Hex	87BAD3
RGB	135, 186, 211
RGB Percent	53%, 73%, 83%
CMY	0.4692, 0.2692, 0.1712
CMYK	0.36, 0.12, 0.00, 0.17
HSL	200°, 47%, 68%
HSV	200°, 36%, 83%
XYZ	39.4815, 45.1644, 68.4980
YIQ	173.6010, -38.4210, -3.0370

Conversions

Conversions Part 2

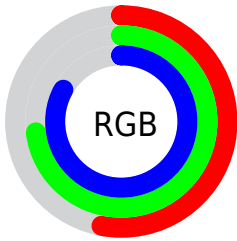
Format	Color
RYB	135, 166, 211
Decimal	8895187
CIELab	73.00, -10.55, -17.92
CIELCh	73, 20.798, 239.511
Yxy	45.1644, 0.2578, 0.2949
Android (android.graphics.Color)	4287085267 (0xFF87BAD3)
YUV	173.6010, 18.4377, -33.8531
Hunter-Lab	67.2044, -12.7420, -13.3881

Details

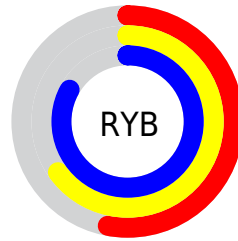
The CIELCh color **73, 20.798, 239.511** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **70, 25.621, 52.615**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 17.928, 220.579**, and **53, 20.561, 238.893** is the 20% darker color. If you saturate the color by 10%, you get **70, 25.748, 241.467**, and if you desaturate by 10%, it is **76, 15.429, 237.946**.

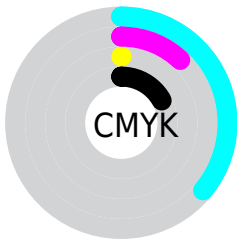
Distribution



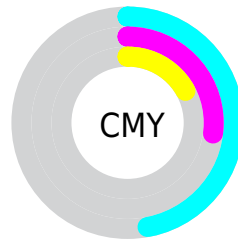
- Red (53%)
- Green (73%)
- Blue (83%)



- Red (53%)
- Yellow (65%)
- Blue (83%)



- Cyan (36%)
- Magenta (12%)
- Yellow (0%)
- Black (17%)



- Cyan (47%)
- Magenta (27%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 20.798, 239.511 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, 20.798, 239.511 by changing the saturation by 10% instead.

■ 73, 20.798,
239.511

■ 73, 20.798,
239.511

■ 100, 20.798,
239.511

■ 63, 20.798,
239.511

■ 93, 20.798,
239.511

■ 53, 20.798,
239.511

■ 43, 20.798,
239.511

■ 33, 20.798,
239.511

■ 23, 20.798,
239.511

■ 13, 20.798,
239.511

■ 3, 20.798, 239.511

0, 20.798, 239.511

73, 20.798,
239.511

73, 20.798,
239.511

70, 25.748,
241.467

76, 15.429,
237.946

67, 30.227,
243.908

79, 9.707, 236.710

64, 34.209,
246.917

83, 3.698, 235.793

86, 2.536, 54.650

62, 37.712,
250.569

89, 8.940, 54.148

59, 40.819,
254.891

92, 13.272, 60.130

94, 14.259, 77.641

57, 43.685,
259.816

96, 16.361, 91.670

■ 56, 44.860,
261.833

■ 98, 19.200,
101.945

Harmonies

Complementary

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



73, 20.798, 239.511



70, 25.621, 52.615

Rectangle

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



73, 20.798, 239.511



73, 20.798, 289.511



73, 20.798, 59.511



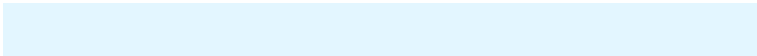
73, 20.798, 109.511

Sweetspot

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



73, 20.797, 239.508



96, 7.867, 236.219



79, 39.104, 151.887



51, 5.272, 236.350



0, 0.000, 0.000



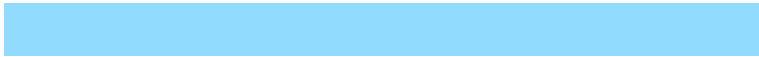
53, 0.007, 296.813

Same Dimension

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



73, 20.797, 239.508



84, 28.288, 240.936



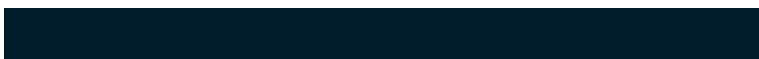
63, 34.852, 286.668



42, 3.466, 236.063



45, 37.514, 260.935



9, 13.009, 249.127

Inverse Universe

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



66, 39.292, 338.246



74, 54.323, 338.932



79, 33.179, 97.223



41, 6.107, 336.107



37, 66.518, 346.903



5, 24.185, 342.662

Previews

White Background



This preview shows how the CIELCh color 73, 20.798, 239.511 looks on a white background.

Color Contrast Check

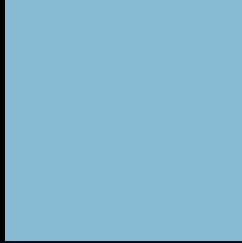
Large Text (above 18pt) WCAG AA × Fail

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, 20.798, 239.511 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, 20.798, 239.511

Background



This preview shows how black text looks on a background with the CIELCh color 73, 20.798, 239.511.



This preview shows how white text looks on a background with the CIELCh color 73, 20.798, 239.511.

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, 20.798, 239.511

Protanopia
73, 15.238, 287.711

Deuteranopia
73, 21.290, 295.883



Tritanopia
73, 19.414, 223.165

Trichromacy



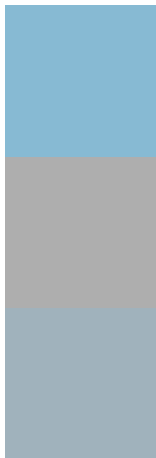
Original Color
73, 20.798, 239.511

Protanomaly
73, 15.970, 266.432

Deuteranomaly
73, 19.079, 275.594

Tritanomaly
73, 19.682, 230.142

Monochromacy



Original Color
73, 20.798, 239.511

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 8.302, 240.232

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 20.798, 239.511 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(135, 186, 211)` looks like.

```
.text, #text, p{  
    color:rgb(135, 186, 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(135, 186, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 186, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 20.798, 239.511 is called "border". The border property can be set on classes, ids or directly on the HTML element.

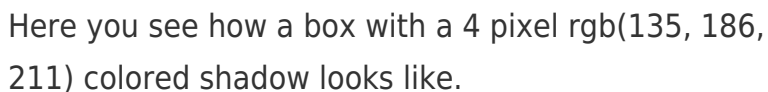
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 186, 211) }
```

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

```
.border{ border-color:rgb(135, 186, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 186, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 186, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 186, 211);  
box-shadow:4px 4px 4px 4px rgb(135, 186,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 20.798, 239.511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 186, 211) }
```

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

```
.background{ background-color: rgb(135,  
186, 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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