

Converting Colors

CIELCh(73, 22.835, 239.927)

Have a look what the booklet for
CIELCh(73, 22.835, 239.927)
contains.

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Color

CIELCh(73, 22.934, 240.226)

Conversions

Conversions Part 1

Format	Color
Hex	82BBD7
RGB	130, 187, 215
RGB Percent	51%, 73%, 84%
CMY	0.4904, 0.2669, 0.1571
CMYK	0.40, 0.13, 0.00, 0.16
HSL	200°, 51%, 68%
HSV	200°, 40%, 84%
XYZ	39.2166, 45.1644, 70.9051
YIQ	173.1490, -42.9600, -3.3760

Conversions

Conversions Part 2

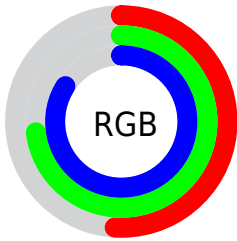
Format	Color
RYB	130, 164, 215
Decimal	8567767
CIELab	73.00, -11.39, -19.91
CIElCh	73, 22.934, 240.226
Yxy	45.1644, 0.2525, 0.2908
Android (android.graphics.Color)	4286757847 (0xFF82BBD7)
YUV	173.1490, 20.6325, -37.8417
Hunter-Lab	67.2044, -13.4456, -15.5117

Details

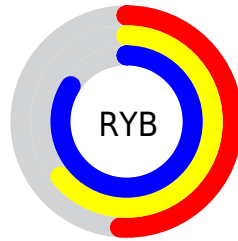
The CIELCh color **73, 22.934, 240.226** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **70, 28.949, 52.454**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 19.180, 217.318**, and **53, 22.773, 239.822** is the 20% darker color. If you saturate the color by 10%, you get **70, 27.786, 242.352**, and if you desaturate by 10%, it is **76, 17.635, 238.523**.

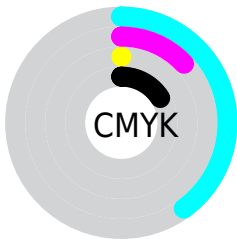
Distribution



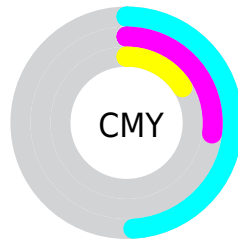
- Red (51%)
- Green (73%)
- Blue (84%)



- Red (51%)
- Yellow (64%)
- Blue (84%)



- Cyan (40%)
- Magenta (13%)
- Yellow (0%)
- Black (16%)





- Cyan (49%)
- Magenta (27%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 22.934, 240.226 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, 22.934, 240.226 by changing the saturation by 10% instead.


 73, 22.934,
240.226


 73, 22.934,
240.226


 100, 22.934,
240.226


 63, 22.934,
240.226


 93, 22.934,
240.226

 53, 22.934,
240.226

 43, 22.934,
240.226

 33, 22.934,
240.226

 23, 22.934,
240.226

 13, 22.934,
240.226

 3, 22.934, 240.226

0, 22.934, 240.226

73, 22.934,
240.226

73, 22.934,
240.226

70, 27.786,
242.352

76, 17.635,
238.523

67, 32.148,
244.994

79, 11.954,
237.173

64, 36.007,
248.237

83, 5.959, 236.126

86, 0.286, 53.359

62, 39.403,
252.140

90, 6.722, 54.391

59, 42.448,
256.705

93, 12.092, 57.755

57, 45.354,
261.735

95, 13.012, 77.432

■ 57, 45.492,
261.960

■ 96, 15.197, 92.861

■ 98, 18.181,
103.730

Harmonies

Complementary

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



73, 22.934, 240.226



70, 28.949, 52.454

Rectangle

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



73, 22.934, 240.226



73, 22.934, 290.226



73, 22.934, 60.226



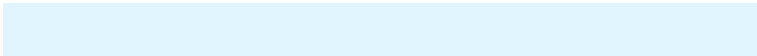
73, 22.934, 110.226

Sweetspot

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



73, 22.933, 240.224



95, 8.565, 236.366



79, 43.462, 151.481



50, 5.666, 236.497



0, 0.000, 0.000



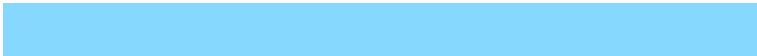
53, 0.007, 296.813

Same Dimension

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



73, 22.933, 240.224



83, 30.504, 241.868



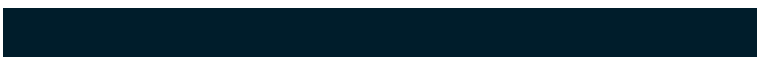
62, 39.087, 287.381



43, 3.535, 236.116



46, 37.985, 261.069



9, 13.578, 249.867

Inverse Universe

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



65, 43.666, 338.589



72, 58.993, 339.342



80, 36.957, 96.787



42, 6.228, 336.125



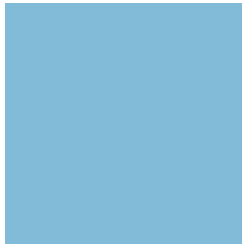
38, 67.231, 346.963



6, 25.936, 342.820

Previews

White Background



This preview shows how the CIELCh color 73, 22.934, 240.226 looks on a white background.

Color Contrast Check

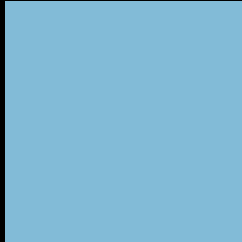
Large Text (above 18pt) WCAG AA × Fail

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, 22.934, 240.226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

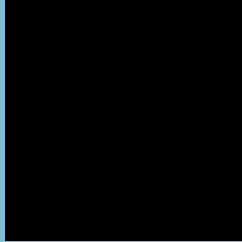
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 22.934, 240.226

Background



This preview shows how black text looks on a background with the CIELCh color 73, 22.934, 240.226.

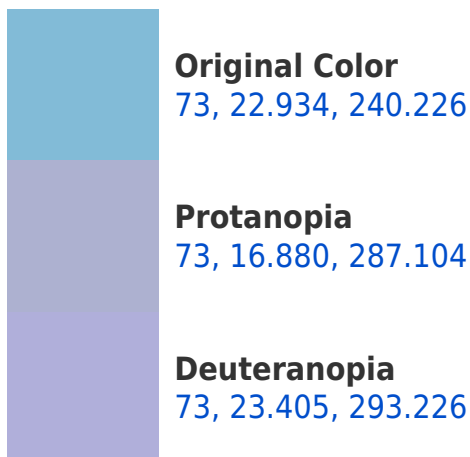


This preview shows how white text looks on a background with the CIELCh color 73, 22.934, 240.226.

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





Tritanopia
73, 21.208, 220.792

Trichromacy



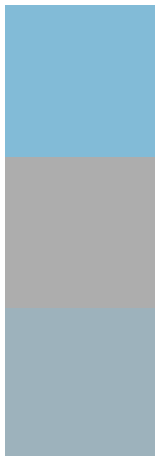
Original Color
73, 22.934, 240.226

Protanomaly
73, 17.912, 265.119

Deuteranomaly
73, 21.467, 274.248

Tritanomaly
73, 21.566, 228.637

Monochromacy



Original Color
73, 22.934, 240.226

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 9.101, 235.915

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 22.934, 240.226 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(130, 187, 215)` looks like.

```
.text, #text, p{  
    color:rgb(130, 187, 215)  
}
```

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(130, 187, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 187, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 22.934, 240.226 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(130, 187, 215) }
```

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

```
.border{ border-color:rgb(130, 187, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 187, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 187, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 187, 215);  
box-shadow:4px 4px 4px 4px rgb(130, 187,  
215) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 22.934, 240.226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 187, 215) }
```

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

```
.background{ background-color: rgb(130,  
187, 215) }
```

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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