

Converting Colors

CIELCh(73, 23.503, 237.785)

Have a look what the booklet for
CIELCh(73, 23.503, 237.785)
contains.

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Color

CIELCh(73, 23.461, 237.244)

Conversions

Conversions Part 1

Format	Color
Hex	7FBCD7
RGB	127, 188, 215
RGB Percent	50%, 74%, 84%
CMY	0.5035, 0.2643, 0.1585
CMYK	0.41, 0.13, 0.00, 0.16
HSL	198°, 52%, 67%
HSV	198°, 41%, 84%
XYZ	38.8055, 45.1644, 70.6891
YIQ	172.8390, -45.0230, -4.5350

Conversions

Conversions Part 2

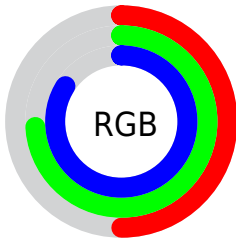
Format	Color
R _{YB}	127, 163, 215
Decimal	8371415
CIE Lab	73.00, -12.69, -19.73
CIE LCh	73, 23.461, 237.244
Yxy	45.1644, 0.2509, 0.2920
Android (android.graphics.Color)	4286561495 (0xFF7FBCD7)
YUV	172.8390, 20.7854, -40.2008
Hunter-Lab	67.2044, -14.5375, -15.3212

Details

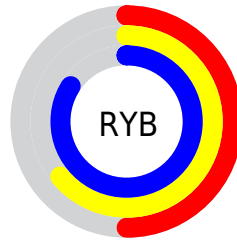
The CIELCh color **73, 23.461, 237.244** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **69, 30.317, 50.016**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 20.185, 214.712**, and **53, 23.391, 236.493** is the 20% darker color. If you saturate the color by 10%, you get **70, 28.110, 239.300**, and if you desaturate by 10%, it is **76, 18.318, 235.611**.

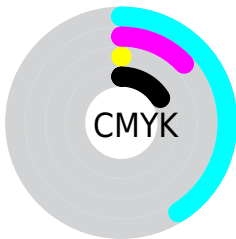
Distribution



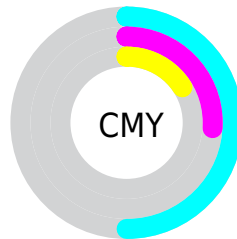
- Red (50%)
- Green (74%)
- Blue (84%)



- Red (50%)
- Yellow (64%)
- Blue (84%)



- Cyan (41%)
- Magenta (13%)
- Yellow (0%)
- Black (16%)





- Cyan (50%)
- Magenta (26%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 23.461, 237.244 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, 23.461, 237.244 by changing the saturation by 10% instead.


 73, 23.461,
237.244


 73, 23.461,
237.244


 100, 23.461,
237.244


 63, 23.461,
237.244


 93, 23.461,
237.244

 53, 23.461,
237.244

 43, 23.461,
237.244

 33, 23.461,
237.244

 23, 23.461,
237.244

 13, 23.461,
237.244

 3, 23.461, 237.244

0, 23.461, 237.244

73, 23.461,
237.244

73, 23.461,
237.244

70, 28.110,
239.300

76, 18.318,
235.611

67, 32.218,
241.875

79, 12.752,
234.328

65, 35.768,
245.056

82, 6.835, 233.342

86, 0.639, 233.286

62, 38.805,
248.909

89, 5.775, 51.729

60, 41.442,
253.442

92, 12.232, 51.604

58, 43.673,
257.914

94, 12.610, 70.437

■ 95, 14.210, 86.479

■ 97, 16.670, 98.449

Harmonies

Complementary

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



73, 23.461, 237.244



69, 30.317, 50.016

Rectangle

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



73, 23.461, 237.244



73, 23.461, 287.244



73, 23.461, 57.244



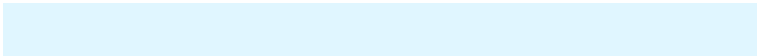
73, 23.461, 107.244

Sweetspot

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



73, 23.460, 237.242



96, 8.554, 233.438



79, 45.534, 150.668



50, 5.658, 233.555



0, 0.000, 0.000



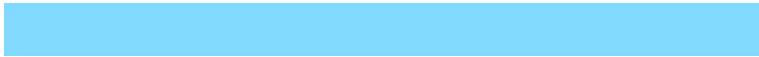
53, 0.007, 296.813

Same Dimension

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



73, 23.460, 237.242



83, 31.252, 238.956



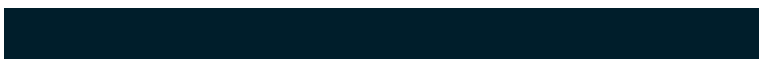
61, 39.743, 286.773



43, 3.532, 233.214



47, 36.562, 257.037



10, 13.281, 246.107

Inverse Universe

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



64, 45.833, 337.679



71, 62.171, 338.458



80, 37.689, 95.550



42, 6.329, 335.172



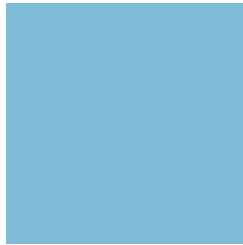
38, 68.163, 345.252



6, 26.342, 341.480

Previews

White Background



This preview shows how the CIELCh color 73, 23.461, 237.244 looks on a white background.

Color Contrast Check

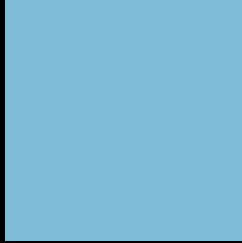
Large Text (above 18pt) WCAG AA × Fail

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, 23.461, 237.244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

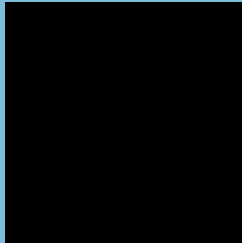
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 23.461, 237.244

Background



This preview shows how black text looks on a background with the CIELCh color 73, 23.461, 237.244.



This preview shows how white text looks on a background with the CIELCh color 73, 23.461, 237.244.

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, 22.094, 221.335

Trichromacy



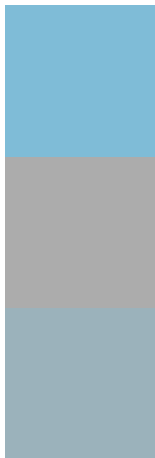
Original Color
73, 23.461, 237.244

Protanomaly
73, 17.578, 263.264

Deuteranomaly
73, 20.625, 271.406

Tritanomaly
73, 22.271, 227.534

Monochromacy



Original Color
73, 23.461, 237.244

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 9.388, 230.548

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 23.461, 237.244 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, 215)` looks like.

```
.text, #text, p{  
    color:rgb(127, 188, 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(127, 188, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 188, 215) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 23.461, 237.244 is called "border". The border property can be set on classes, ids or directly on the HTML element.

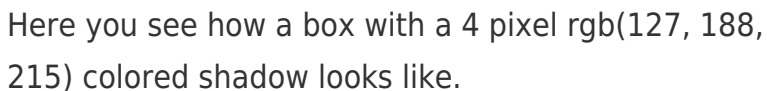
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 188, 215) }
```

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

```
.border{ border-color:rgb(127, 188, 215) }
```

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, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 188, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 188, 215); box-shadow:4px 4px 4px 4px rgb(127, 188, 215) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 23.461, 237.244 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, 215) }
```

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

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