

Converting Colors

CIELCh(73, 19.169, 236.736)

Have a look what the booklet for
CIELCh(73, 19.169, 236.736)
contains.

CIELCh(73, 19.265, 237.057)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(73, 19.265, 237.057)

Conversions

Conversions Part 1

Format	Color
Hex	8ABAD0
RGB	138, 186, 208
RGB Percent	54%, 73%, 82%
CMY	0.4582, 0.2699, 0.1837
CMYK	0.34, 0.11, 0.00, 0.18
HSL	199°, 43%, 68%
HSV	199°, 34%, 82%
XYZ	39.5056, 45.1644, 66.4153
YIQ	174.1560, -35.6700, -3.3340

Conversions

Conversions Part 2

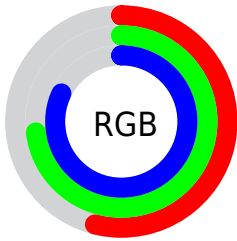
Format	Color
R _{YB}	138, 166, 208
Decimal	9091792
CIE _{Lab}	73.00, -10.48, -16.17
CIE _{LCh}	73, 19.265, 237.057
Yxy	45.1644, 0.2615, 0.2989
Android (android.graphics.Color)	4287281872 (0xFF8ABAD0)
YUV	174.1560, 16.6851, -31.7088
Hunter-Lab	67.2044, -12.6779, -11.5507

Details

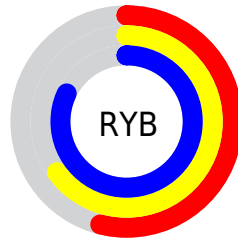
The CIELCh color **73, 19.265, 237.057** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **70, 23.524, 51.155**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 17.097, 221.760**, and **53, 19.362, 237.414** is the 20% darker color. If you saturate the color by 10%, you get **70, 24.194, 238.827**, and if you desaturate by 10%, it is **76, 13.915, 235.650**.

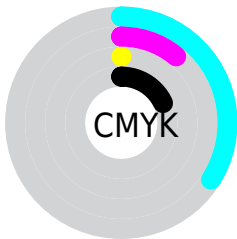
Distribution



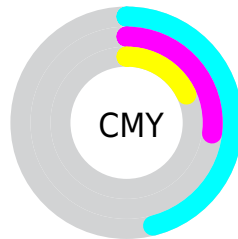
- Red (54%)
- Green (73%)
- Blue (82%)



- Red (54%)
- Yellow (65%)
- Blue (82%)



- Cyan (34%)
- Magenta (11%)
- Yellow (0%)
- Black (18%)





- Cyan (46%)
- Magenta (27%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 19.265, 237.057 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, 19.265, 237.057 by changing the saturation by 10% instead.


 73, 19.265,
237.057


 73, 19.265,
237.057


 100, 19.265,
237.057


 63, 19.265,
237.057


 93, 19.265,
237.057

 53, 19.265,
237.057

 43, 19.265,
237.057

 33, 19.265,
237.057

 23, 19.265,
237.057

 13, 19.265,
237.057

 3, 19.265, 237.057

0, 19.265, 237.057

73, 19.265,
237.057

73, 19.265,
237.057

70, 24.194,
238.827

76, 13.915,
235.650

67, 28.643,
241.053

79, 8.215, 234.555

65, 32.571,
243.820

82, 2.233, 233.832

86, 3.971, 52.767

62, 35.982,
247.213

89, 10.340, 52.285

60, 38.933,
251.283

92, 14.279, 58.318

93, 15.003, 73.966

58, 41.558,
256.006

95, 16.713, 87.210

■ 56, 43.195,
259.185

■ 96, 19.134, 97.476

Harmonies

Complementary

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



73, 19.265, 237.057



70, 23.524, 51.155

Rectangle

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



73, 19.265, 237.057



73, 19.265, 287.057



73, 19.265, 57.057



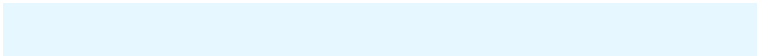
73, 19.265, 107.057

Sweetspot

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



73, 19.264, 237.054



96, 7.160, 234.240



78, 36.640, 151.491



51, 4.870, 234.362



0, 0.000, 0.000



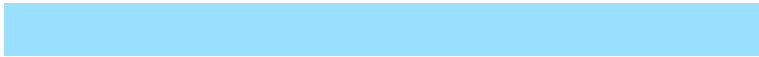
53, 0.007, 296.813

Same Dimension

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



73, 19.264, 237.054



85, 26.437, 238.222



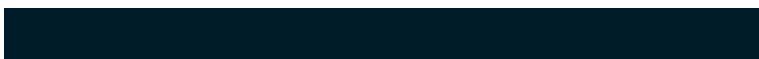
64, 31.421, 285.299



42, 3.463, 234.181



46, 36.586, 258.346



9, 12.834, 246.647

Inverse Universe

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



66, 36.695, 337.376



76, 51.206, 337.969



78, 30.179, 96.462



41, 6.171, 335.485



37, 67.109, 345.789



5, 24.444, 341.773

Previews

White Background



This preview shows how the CIELCh color 73, 19.265, 237.057 looks on a white background.

Color Contrast Check

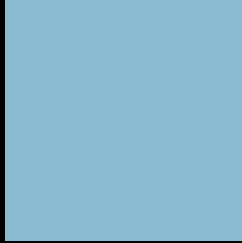
Large Text (above 18pt) WCAG AA × Fail

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, 19.265, 237.057 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, 19.265, 237.057

Background



This preview shows how black text looks on a background with the CIELCh color 73, 19.265, 237.057.

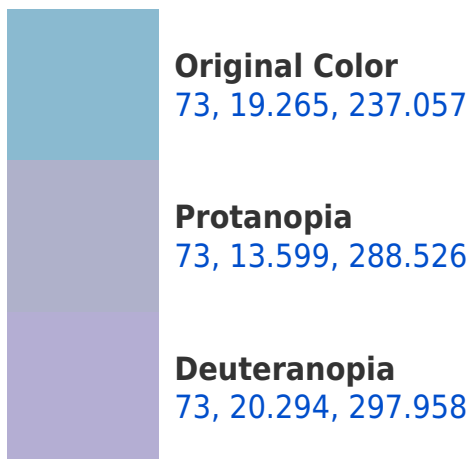


This preview shows how white text looks on a background with the CIELCh color 73, 19.265, 237.057.

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, 18.113, 225.202

Trichromacy



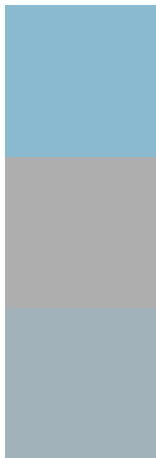
Original Color
73, 19.265, 237.057

Protanomaly
73, 14.261, 265.769

Deuteranomaly
73, 17.827, 277.526

Tritanomaly
73, 18.505, 228.453

Monochromacy



Original Color
73, 19.265, 237.057

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 7.400, 235.268

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 19.265, 237.057 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(138, 186, 208)` looks like.

```
.text, #text, p{  
    color:rgb(138, 186, 208)  
}
```

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(138, 186, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 186, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 19.265, 237.057 is called "border". The border property can be set on classes, ids or directly on the HTML element.

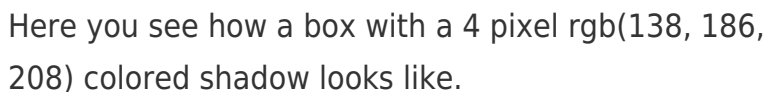
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(138, 186, 208) }
```

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

```
.border{ border-color:rgb(138, 186, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(138, 186, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 186, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 186, 208); box-shadow:4px 4px 4px 4px rgb(138, 186, 208) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 19.265, 237.057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 186, 208) }
```

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

```
.background{ background-color: rgb(138,  
186, 208) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor