

Converting Colors

CIELCh(73, 16.533, 236.090)

Have a look what the booklet for
CIELCh(73, 16.533, 236.090)
contains.

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Color

CIELCh(73, 16.548, 237.409)

Conversions

Conversions Part 1

Format	Color
Hex	91B9CC
RGB	145, 185, 204
RGB Percent	57%, 73%, 80%
CMY	0.4308, 0.2739, 0.1994
CMYK	0.29, 0.09, 0.00, 0.20
HSL	199°, 37%, 68%
HSV	199°, 29%, 80%
XYZ	40.0041, 45.1644, 63.8356
YIQ	175.2060, -29.9390, -2.5710

Conversions

Conversions Part 2

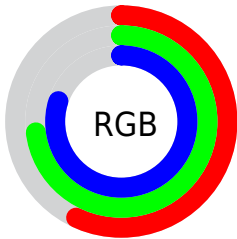
Format	Color
R _Y B	145, 169, 204
Decimal	9550284
CIE Lab	73.00, -8.91, -13.94
CIE LCh	73, 16.548, 237.409
Yxy	45.1644, 0.2685, 0.3031
Android (android.graphics.Color)	4287740364 (0xFF91B9CC)
YUV	175.2060, 14.1954, -26.4907
Hunter-Lab	67.2044, -11.3538, -9.2748

Details

The CIELCh color **73, 16.548, 237.409** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **71, 19.511, 52.268**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 15.086, 227.449**, and **53, 16.497, 237.835** is the 20% darker color. If you saturate the color by 10%, you get **70, 21.631, 239.032**, and if you desaturate by 10%, it is **76, 11.093, 236.117**.

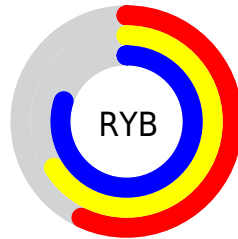
Distribution



Red (57%)

Green (73%)

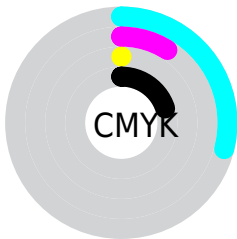
Blue (80%)



Red (57%)

Yellow (66%)

Blue (80%)

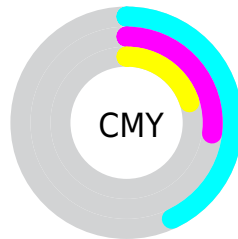


Cyan (29%)

Magenta (9%)

Yellow (0%)

Black (20%)



Cyan (43%)


Magenta (27%)


Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 16.548, 237.409 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, 16.548, 237.409 by changing the saturation by 10% instead.


 73, 16.548,
237.409


 73, 16.548,
237.409


 100, 16.548,
237.409


 63, 16.548,
237.409


 93, 16.548,
237.409

 53, 16.548,
237.409

 43, 16.548,
237.409

 33, 16.548,
237.409

 23, 16.548,
237.409

 13, 16.548,
237.409

 3, 16.548, 237.409

■ 0, 16.548, 237.409

■ 73, 16.548,
237.409

■ 73, 16.548,
237.409

■ 70, 21.631,
239.032

■ 76, 11.093,
236.117

■ 67, 26.282,
241.075

■ 79, 5.335, 235.128

■ 64, 30.451,
243.618

■ 82, 0.666, 53.453

■ 86, 6.851, 53.471

■ 62, 34.121,
246.750

■ 89, 13.173, 52.975

■ 59, 37.324,
250.537

■ 91, 15.657, 62.078

■ 93, 16.585, 76.185

■ 57, 40.157,
254.993

■ 95, 18.392, 88.086

■ 55, 42.813,
259.957

■ 96, 20.838, 97.456

■ 55, 43.116,
260.492

Harmonies

Complementary

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



73, 16.548, 237.409



71, 19.511, 52.268

Rectangle

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



73, 16.548, 237.409



73, 16.548, 287.409



73, 16.548, 57.409



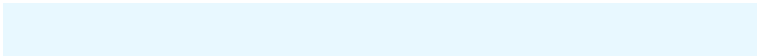
73, 16.548, 107.409

Sweetspot

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



73, 16.547, 237.405



97, 6.459, 235.146



77, 30.666, 152.628



51, 4.475, 235.272



0, 0.000, 0.000



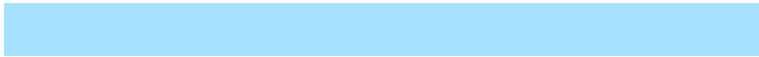
53, 0.007, 296.813

Same Dimension

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



73, 16.547, 237.405



87, 23.561, 238.429



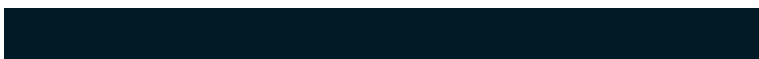
65, 26.915, 285.375



41, 3.394, 235.169



45, 36.626, 259.654



8, 12.289, 248.055

Inverse Universe

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



67, 30.918, 337.323



78, 44.756, 337.876



78, 25.931, 98.073



40, 6.014, 335.808



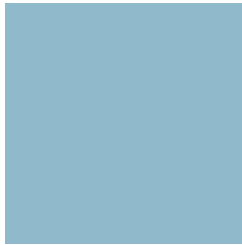
36, 66.061, 346.343



4, 22.346, 342.103

Previews

White Background



This preview shows how the CIELCh color 73, 16.548, 237.409 looks on a white background.

Color Contrast Check

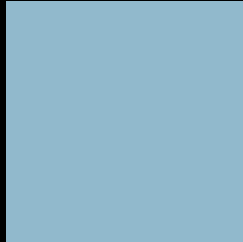
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 73, 16.548, 237.409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

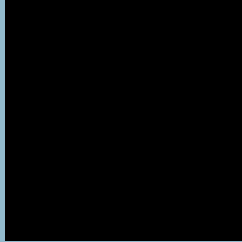
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 16.548, 237.409

Background



This preview shows how black text looks on a background with the CIELCh color 73, 16.548, 237.409.



This preview shows how white text looks on a background with the CIELCh color 73, 16.548, 237.409.

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, 16.548, 237.409

Protanopia
73, 11.963, 289.636

Deuteranopia
73, 17.761, 302.086



Tritanopia
73, 16.010, 229.243

Trichromacy



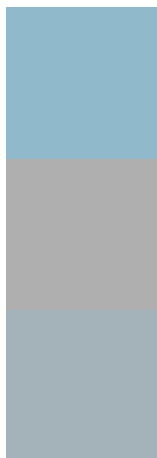
Original Color
73, 16.548, 237.409

Protanomaly
73, 12.410, 266.452

Deuteranomaly
73, 14.927, 279.559

Tritanomaly
73, 16.241, 231.028

Monochromacy



Original Color
73, 16.548, 237.409

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 6.533, 234.883

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 16.548, 237.409 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(145, 185, 204)` looks like.

```
.text, #text, p{  
    color:rgb(145, 185, 204)  
}
```

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(145, 185, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 185, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 16.548, 237.409 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(145, 185, 204) }
```

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

```
.border{ border-color:rgb(145, 185, 204) }
```

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

Here you see how a box with a 4 pixel rgb(145, 185, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 185, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 185, 204);  
box-shadow:4px 4px 4px 4px rgb(145, 185,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 16.548, 237.409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 185, 204) }
```

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

```
.background{ background-color: rgb(145,  
185, 204) }
```

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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