

Converting Colors

CIELCh(73, 17.022, 238.868)

Have a look what the booklet for
CIELCh(73, 17.022, 238.868)
contains.

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Color

CIELCh(73, 16.846, 239.008)

Conversions

Conversions Part 1

Format	Color
Hex	91B9CD
RGB	145, 185, 205
RGB Percent	57%, 73%, 80%
CMY	0.4311, 0.2742, 0.1958
CMYK	0.29, 0.10, 0.00, 0.20
HSL	200°, 38%, 69%
HSV	200°, 29%, 80%
XYZ	40.0808, 45.1644, 64.4079
YIQ	175.3200, -30.2600, -2.2600

Conversions

Conversions Part 2

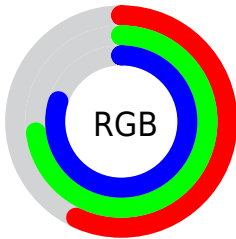
Format	Color
RYB	145, 169, 205
Decimal	9550285
CIELab	73.00, -8.67, -14.44
CIELCh	73, 16.846, 239.008
Yxy	45.1644, 0.2678, 0.3018
Android (android.graphics.Color)	4287740365 (0xFF91B9CD)
YUV	175.3200, 14.6322, -26.5906
Hunter-Lab	67.2044, -11.1503, -9.7797

Details

The CIELCh color **73, 16.846, 239.008** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **71, 19.818, 53.502**, 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, 16.806, 239.579** is the 20% darker color. If you saturate the color by 10%, you get **70, 21.976, 240.705**, and if you desaturate by 10%, it is **76, 11.356, 237.650**.

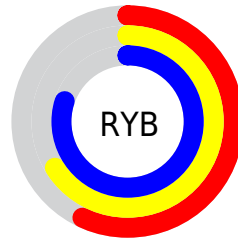
Distribution



Red (57%)

Green (73%)

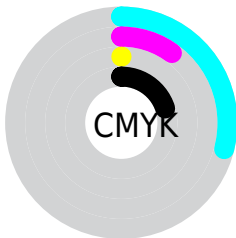
Blue (80%)



Red (57%)

Yellow (66%)

Blue (80%)

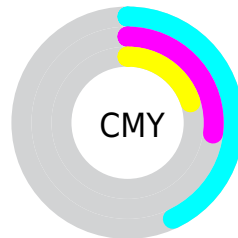


Cyan (29%)

Magenta (10%)

Yellow (0%)

Black (20%)



Cyan (43%)


Magenta (27%)


Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 16.846, 239.008 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, 16.846, 239.008 by changing the saturation by 10% instead.


 73, 16.846,
239.008


 73, 16.846,
239.008


 100, 16.846,
239.008


 63, 16.846,
239.008


 93, 16.846,
239.008

 53, 16.846,
239.008

 43, 16.846,
239.008

 33, 16.846,
239.008

 23, 16.846,
239.008

 13, 16.846,
239.008

 3, 16.846, 239.008

■ 0, 16.846, 239.008

■ 73, 16.846,
239.008

■ 73, 16.846,
239.008

■ 70, 21.976,
240.705

■ 76, 11.356,
237.650

■ 67, 26.688,
242.829

■ 79, 5.571, 236.600

■ 64, 30.938,
245.462

■ 83, 0.448, 54.524

■ 86, 6.647, 54.849

■ 62, 34.713,
248.689

■ 89, 12.979, 54.313

■ 59, 38.052,
252.569

■ 92, 15.429, 64.249

■ 93, 16.574, 78.855

■ 57, 41.057,
257.104

■ 95, 18.633, 90.824

■ 54, 43.930,
262.104

■ 97, 21.330,
100.014

■ 54, 44.151,
262.465

Harmonies

Complementary

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



73, 16.846, 239.008



71, 19.818, 53.502

Rectangle

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



73, 16.846, 239.008



73, 16.846, 289.008



73, 16.846, 59.008



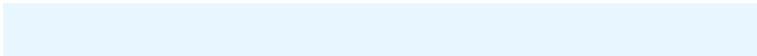
73, 16.846, 109.008

Sweetspot

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



73, 16.845, 239.004



96, 6.465, 236.588



78, 31.155, 152.591



51, 4.480, 236.721



0, 0.000, 0.000



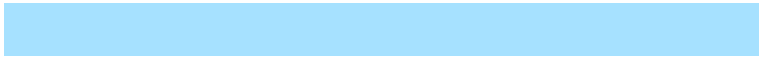
53, 0.007, 296.813

Same Dimension

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



73, 16.845, 239.004



87, 23.647, 240.010



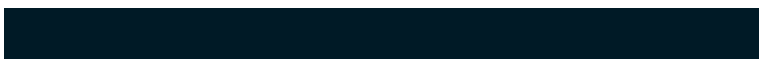
65, 27.364, 285.438



41, 3.398, 236.612



44, 37.351, 261.609



8, 12.413, 250.012

Inverse Universe

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



67, 31.175, 337.859



78, 44.420, 338.392



78, 26.349, 98.029



40, 5.966, 336.289



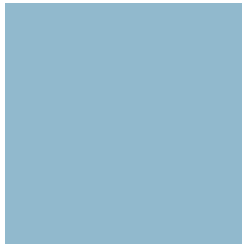
36, 65.622, 347.205



4, 22.153, 342.812

Previews

White Background



This preview shows how the CIELCh color 73, 16.846, 239.008 looks on a white background.

Color Contrast Check

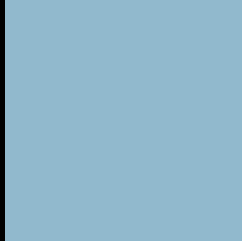
Large Text (above 18pt) WCAG AA × Fail

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, 16.846, 239.008 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

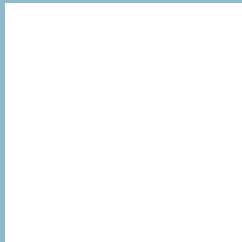
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 16.846, 239.008

Background



This preview shows how black text looks on a background with the CIELCh color 73, 16.846, 239.008.



This preview shows how white text looks on a background with the CIELCh color 73, 16.846, 239.008.

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, 16.846, 239.008

Protanopia
73, 12.506, 289.764

Deuteranopia
73, 18.235, 300.718



Tritanopia
73, 16.010, 229.243

Trichromacy



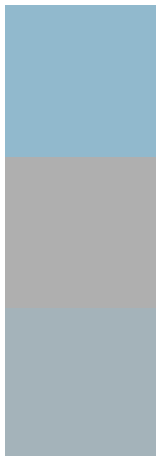
Original Color
73, 16.846, 239.008

Protanomaly
73, 12.898, 267.566

Deuteranomaly
73, 15.456, 280.057

Tritanomaly
73, 16.241, 231.028

Monochromacy



Original Color
73, 16.846, 239.008

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, 16.846, 239.008 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(145, 185, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 185, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 16.846, 239.008 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, 205) }
```

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

```
.border{ border-color:rgb(145, 185, 205) }
```

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, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 185, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 185, 205);  
box-shadow:4px 4px 4px 4px rgb(145, 185,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 16.846, 239.008 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, 205) }
```

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

```
.background{ background-color: rgb(145,  
185, 205) }
```

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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