

Converting Colors

CIELCh(73, 16.289, 228.557)

Have a look what the booklet for
CIELCh(73, 16.289, 228.557)
contains.

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Color

CIELCh(73, 16.274, 228.676)

Conversions

Conversions Part 1

Format	Color
Hex	8FBAC9
RGB	143, 186, 201
RGB Percent	56%, 73%, 79%
CMY	0.4393, 0.2706, 0.2118
CMYK	0.29, 0.07, 0.00, 0.21
HSL	196°, 35%, 67%
HSV	196°, 29%, 79%
XYZ	39.4200, 45.1644, 61.8872
YIQ	174.8530, -30.4430, -4.4510

Conversions

Conversions Part 2

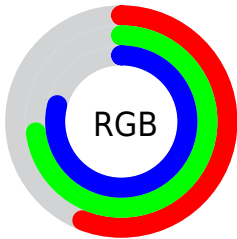
Format	Color
RYB	143, 168, 201
Decimal	9419465
CIELab	73.00, -10.75, -12.22
CIElCh	73, 16.274, 228.676
Yxy	45.1644, 0.2691, 0.3083
Android (android.graphics.Color)	4287609545 (0xFF8FBAC9)
YUV	174.8530, 12.8905, -27.9351
Hunter-Lab	67.2044, -12.9052, -7.5558

Details

The CIELCh color **73, 16.274, 228.676** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **69, 19.590, 45.320**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 15.710, 224.023**, and **53, 16.182, 228.461** is the 20% darker color. If you saturate the color by 10%, you get **70, 21.149, 229.910**, and if you desaturate by 10%, it is **76, 10.956, 227.730**.

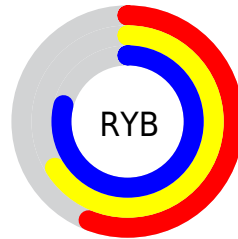
Distribution



Red (56%)

Green (73%)

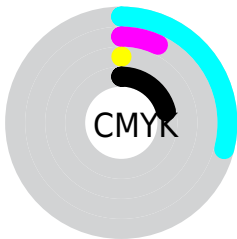
Blue (79%)



Red (56%)

Yellow (66%)

Blue (79%)

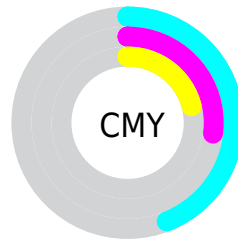


Cyan (29%)

Magenta (7%)

Yellow (0%)

Black (21%)



Cyan (44%)


Magenta (27%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 16.274, 228.676 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, 16.274, 228.676 by changing the saturation by 10% instead.


 73, 16.274,
228.676


 73, 16.274,
228.676


 100, 16.274,
228.676


 63, 16.274,
228.676


 93, 16.274,
228.676

 53, 16.274,
228.676

 43, 16.274,
228.676

 33, 16.274,
228.676

 23, 16.274,
228.676

 13, 16.274,
228.676

 3, 16.274, 228.676

0, 16.274, 228.676

73, 16.274,
228.676

73, 16.274,
228.676

70, 21.149,
229.910

76, 10.956,
227.730

68, 25.504,
231.513

78, 5.276, 227.052

66, 29.269,
233.566

81, 0.691, 45.640

84, 6.879, 45.914

64, 32.407,
236.159

87, 13.234, 45.649

62, 34.924,
239.380

89, 16.724, 50.159

91, 16.683, 61.231

60, 36.893,
243.287

92, 17.263, 71.920

■ 58, 38.504,
247.797

■ 93, 18.402, 81.559

■ 58, 38.692,
248.312

Harmonies

Complementary

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



73, 16.274, 228.676



69, 19.590, 45.320

Rectangle

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



73, 16.274, 228.676



73, 16.274, 278.676



73, 16.274, 48.676



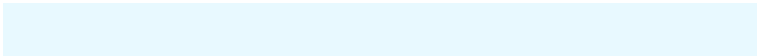
73, 16.274, 98.676

Sweetspot

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



73, 16.274, 228.671



97, 6.500, 227.066



76, 31.804, 150.109



51, 4.501, 227.149



0, 0.000, 0.000



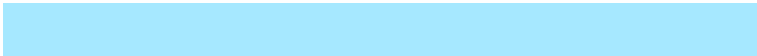
53, 0.007, 296.813

Same Dimension

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



73, 16.274, 228.671



88, 23.403, 229.456



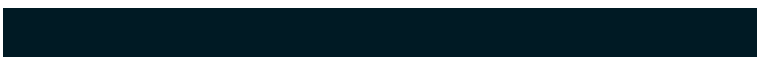
65, 24.483, 281.406



41, 3.345, 227.079



47, 32.996, 247.522



8, 11.163, 237.181

Inverse Universe

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



66, 31.838, 334.632



79, 46.715, 335.133



76, 23.994, 93.731



39, 6.162, 333.244



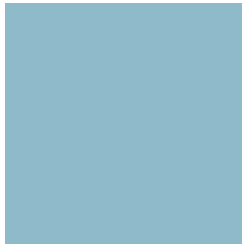
36, 68.061, 341.778



4, 21.315, 338.129

Previews

White Background



This preview shows how the CIELCh color 73, 16.274, 228.676 looks on a white background.

Color Contrast Check

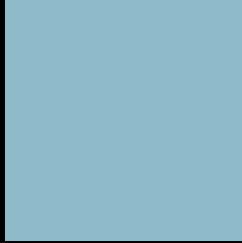
Large Text (above 18pt) WCAG AA × Fail

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, 16.274, 228.676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

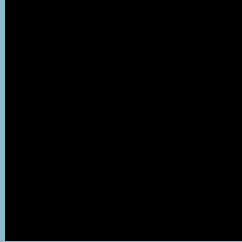
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

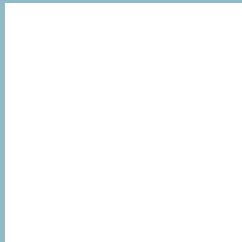
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 16.274, 228.676

Background



This preview shows how black text looks on a background with the CIELCh color 73, 16.274, 228.676.



This preview shows how white text looks on a background with the CIELCh color 73, 16.274, 228.676.

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, 16.274, 228.676

Protanopia

73, 10.334, 291.178

Deuteranopia

73, 16.238, 304.280



Tritanopia
73, 16.274, 228.676

Trichromacy



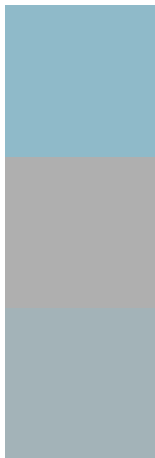
Original Color
73, 16.274, 228.676

Protanomaly
73, 10.975, 262.551

Deuteranomaly
73, 13.345, 277.851

Tritanomaly
73, 16.274, 228.676

Monochromacy



Original Color
73, 16.274, 228.676

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 6.328, 224.603

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 16.274, 228.676 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(143, 186, 201)` looks like.

```
.text, #text, p{  
    color:rgb(143, 186, 201)  
}
```

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(143, 186, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 186, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 16.274, 228.676 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(143, 186, 201) }
```

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

```
.border{ border-color:rgb(143, 186, 201) }
```

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

Here you see how a box with a 4 pixel rgb(143, 186, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 186, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 186, 201);  
box-shadow:4px 4px 4px 4px rgb(143, 186,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 16.274, 228.676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 186, 201) }
```

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

```
.background{ background-color: rgb(143,  
186, 201) }
```

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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