

Converting Colors

CIELCh(73, 17.978, 249.280)

Have a look what the booklet for
CIELCh(73, 17.978, 249.280)
contains.

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Color

CIELCh(73, 17.907, 248.401)

Conversions

Conversions Part 1

Format	Color
Hex	93B8D1
RGB	147, 184, 209
RGB Percent	58%, 72%, 82%
CMY	0.4230, 0.2779, 0.1798
CMYK	0.30, 0.12, 0.00, 0.18
HSL	204°, 40%, 70%
HSV	204°, 30%, 82%
XYZ	40.7523, 45.1644, 66.9834
YIQ	175.7870, -30.0770, -0.0690

Conversions

Conversions Part 2

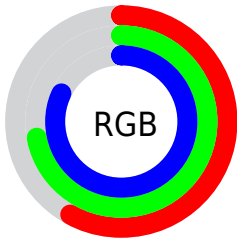
Format	Color
R_{YB}	147, 170, 209
Decimal	9681105
CIE _{Lab}	73.00, -6.59, -16.65
CIE _{LCh}	73, 17.907, 248.401
Yxy	45.1644, 0.2665, 0.2954
Android (android.graphics.Color)	4287871185 (0xFF93B8D1)
YUV	175.7870, 16.3740, -25.2462
Hunter-Lab	67.2044, -9.3665, -12.0518

Details

The CIELCh color **73, 17.907, 248.401** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **73, 20.437, 61.271**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 14.515, 231.163**, and **53, 18.173, 248.856** is the 20% darker color. If you saturate the color by 10%, you get **69, 23.480, 250.402**, and if you desaturate by 10%, it is **77, 12.068, 246.760**.

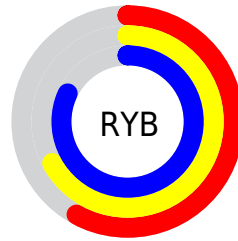
Distribution



Red (58%)

Green (72%)

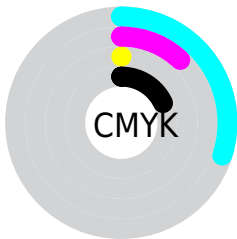
Blue (82%)



Red (58%)

Yellow (67%)

Blue (82%)

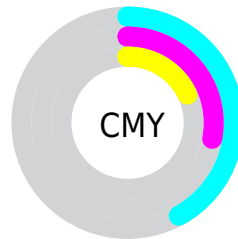


Cyan (30%)

Magenta (12%)

Yellow (0%)

Black (18%)



Cyan (42%)


Magenta (28%)


Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 17.907, 248.401 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, 17.907, 248.401 by changing the saturation by 10% instead.


 73, 17.907,
248.401


 73, 17.907,
248.401


 100, 17.907,
248.401


 63, 17.907,
248.401


 93, 17.907,
248.401

 53, 17.907,
248.401

 43, 17.907,
248.401

 33, 17.907,
248.401

 23, 17.907,
248.401

 13, 17.907,
248.401

 3, 17.907, 248.401

0, 17.907, 248.401

73, 17.907,
248.401

73, 17.907,
248.401

69, 23.480,
250.402

77, 12.068,
246.760

66, 28.751,
252.844

80, 6.011, 245.442

63, 33.697,
255.801

84, 0.216, 62.135

88, 6.572, 63.246

60, 38.331,
259.331

92, 13.017, 62.502

57, 42.715,
263.458

94, 15.181, 79.106

96, 17.900, 94.502

54, 46.963,
268.126

98, 21.537,

■ 51, 51.259,
273.077

105.159

■ 51, 51.417,
273.244

■ 99, 23.159,
108.422

Harmonies

Complementary

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



73, 17.907, 248.401



73, 20.437, 61.271

Rectangle

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



73, 17.907, 248.401



73, 17.907, 298.401



73, 17.907, 68.401



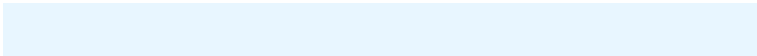
73, 17.907, 118.401

Sweetspot

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



73, 17.906, 248.397



96, 6.592, 245.380



79, 30.061, 156.067



51, 4.571, 245.550



0, 0.000, 0.000



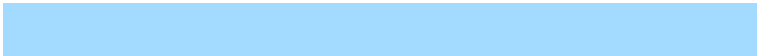
53, 0.007, 296.813

Same Dimension

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



73, 17.906, 248.397



85, 25.209, 249.709



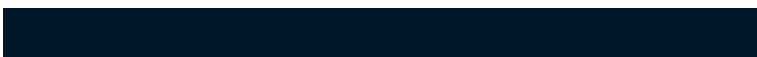
65, 31.079, 289.689



42, 3.536, 245.414



41, 43.203, 272.410



7, 14.200, 260.891

Inverse Universe

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



68, 30.633, 341.222



78, 43.628, 341.888



81, 29.390, 102.659



41, 5.794, 339.456



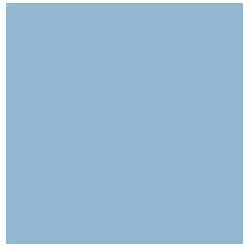
37, 64.007, 352.936



5, 22.994, 347.512

Previews

White Background



This preview shows how the CIELCh color 73, 17.907, 248.401 looks on a white background.

Color Contrast Check

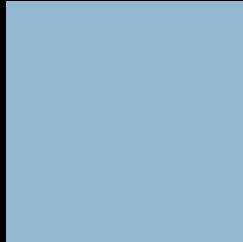
Large Text (above 18pt) WCAG AA × Fail

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, 17.907, 248.401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

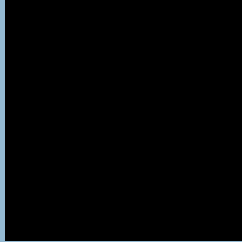
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

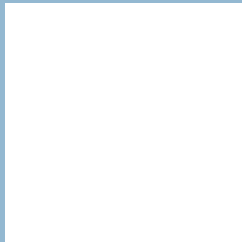
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 17.907, 248.401

Background



This preview shows how black text looks on a background with the CIELCh color 73, 17.907, 248.401.

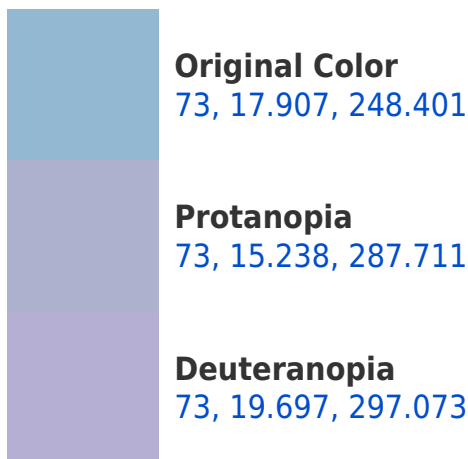


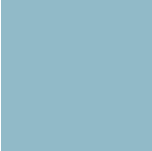
This preview shows how white text looks on a background with the CIELCh color 73, 17.907, 248.401.

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, 15.524, 227.977

Trichromacy



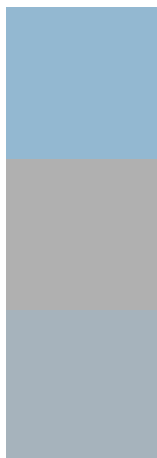
Original Color
73, 17.907, 248.401

Protanomaly
73, 15.497, 270.931

Deuteranomaly
73, 17.633, 280.700

Tritanomaly
73, 16.019, 236.433

Monochromacy



Original Color
73, 17.907, 248.401

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 6.687, 246.400

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 17.907, 248.401 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(147, 184, 209)` looks like.

```
.text, #text, p{  
    color:rgb(147, 184, 209)  
}
```

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(147, 184, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 184, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 17.907, 248.401 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(147, 184, 209) }
```

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

```
.border{ border-color:rgb(147, 184, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 184, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 184, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 184, 209);  
box-shadow:4px 4px 4px 4px rgb(147, 184,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 17.907, 248.401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 184, 209) }
```

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

```
.background{ background-color: rgb(147,  
184, 209) }
```

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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