

Converting Colors

CIELCh(74, 17.475, 230.425)

Have a look what the booklet for
CIELCh(74, 17.475, 230.425)
contains.

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Color

CIELCh(74, 17.475, 230.425)

Conversions

Conversions Part 1

Format	Color
Hex	8FBDCE
RGB	143, 189, 206
RGB Percent	56%, 74%, 81%
CMY	0.4391, 0.2587, 0.1921
CMYK	0.31, 0.08, 0.00, 0.19
HSL	196°, 39%, 68%
HSV	196°, 31%, 81%
XYZ	40.6775, 46.7039, 65.2781
YIQ	177.1840, -32.8730, -4.4650

Conversions

Conversions Part 2

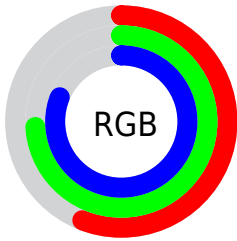
Format	Color
RYB	143, 170, 206
Decimal	9420238
CIELab	74.00, -11.13, -13.47
CIELCh	74, 17.475, 230.425
Yxy	46.7039, 0.2665, 0.3059
Android (android.graphics.Color)	4287610318 (0xFF8FBDCE)
YUV	177.1840, 14.2063, -29.9794
Hunter-Lab	68.3403, -13.3488, -8.7951

Details

The CIELCh color `74, 17.475, 230.425` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `70, 21.239, 46.479`, and the grayscale version is `72, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 16.094, 217.292`, and `54, 17.606, 229.991` is the 20% darker color. If you saturate the color by 10%, you get `71, 22.379, 231.796`, and if you desaturate by 10%, it is `77, 12.118, 229.363`.

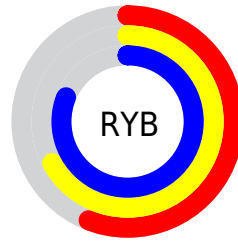
Distribution



Red (56%)

Green (74%)

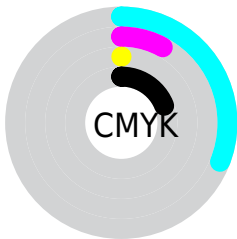
Blue (81%)



Red (56%)

Yellow (67%)

Blue (81%)

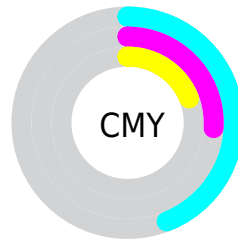


Cyan (31%)

Magenta (8%)

Yellow (0%)

Black (19%)



Cyan (44%)


Magenta (26%)


Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 17.475, 230.425 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 74, 17.475, 230.425 by changing the saturation by 10% instead.


 74, 17.475,
230.425

 74, 17.475,
230.425


 100, 17.475,
230.425


 64, 17.475,
230.425


 94, 17.475,
230.425

 54, 17.475,
230.425

 44, 17.475,
230.425

 34, 17.475,
230.425

 24, 17.475,
230.425

 14, 17.475,
230.425

 4, 17.475, 230.425

■ 0, 17.475, 230.425

■ 74, 17.475,
230.425

■ 74, 17.475,
230.425

■ 71, 22.379,
231.796

■ 77, 12.118,
229.363

■ 69, 26.753,
233.564

■ 80, 6.388, 228.577

■ 66, 30.536,
235.810

■ 83, 0.360, 229.337

■ 86, 5.899, 47.291

■ 64, 33.698,
238.627

■ 89, 12.330, 46.977

■ 62, 36.262,
242.099

■ 91, 14.974, 54.241

■ 92, 15.254, 67.286

■ 60, 38.321,
246.265

■ 94, 16.284, 79.215

■ 58, 40.011,
250.674

■ 95, 17.927, 89.288

Harmonies

Complementary

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



74, 17.475, 230.425



70, 21.239, 46.479

Rectangle

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



74, 17.475, 230.425



74, 17.475, 280.425



74, 17.475, 50.425



74, 17.475, 100.425

Sweetspot

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



74, 17.475, 230.421



97, 6.483, 228.486



78, 33.938, 150.546



51, 4.490, 228.577



0, 0.000, 0.000



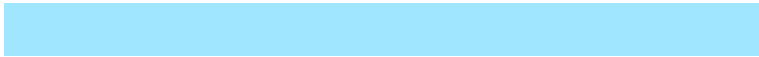
53, 0.007, 296.813

Same Dimension

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



74, 17.475, 230.421



88, 24.547, 231.329



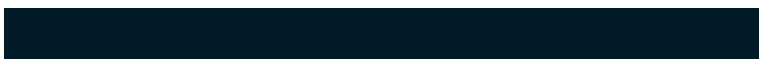
65, 27.078, 282.769



42, 3.407, 228.503



48, 33.851, 249.846



9, 11.883, 238.650

Inverse Universe

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



67, 34.143, 335.223



77, 48.935, 335.760



78, 26.366, 94.653



40, 6.242, 333.682



37, 68.304, 342.566



5, 23.288, 339.020

Previews

White Background



This preview shows how the CIELCh color 74, 17.475, 230.425 looks on a white background.

Color Contrast Check

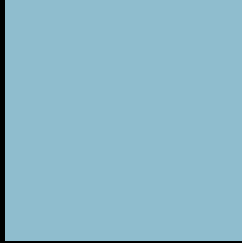
Large Text (above 18pt) WCAG AA × Fail

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 74, 17.475, 230.425 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

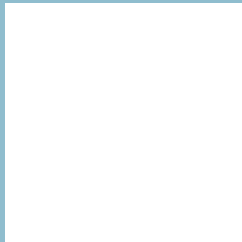
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 17.475, 230.425

Background



This preview shows how black text looks on a background with the CIELCh color 74, 17.475, 230.425.



This preview shows how white text looks on a background with the CIELCh color 74, 17.475, 230.425.

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

74, 17.475, 230.425

Protanopia

74, 10.844, 289.338

Deuteranopia

74, 17.706, 302.071



Tritanopia
74, 17.043, 227.048

Trichromacy



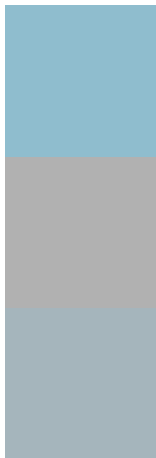
Original Color
74, 17.475, 230.425

Protanomaly
74, 11.724, 260.918

Deuteranomaly
74, 15.021, 276.978

Tritanomaly
74, 17.252, 228.757

Monochromacy



Original Color
74, 17.475, 230.425

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 6.809, 233.132

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 17.475, 230.425 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, 189, 206)` looks like.

```
.text, #text, p{  
    color:rgb(143, 189, 206)  
}
```

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, 189, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 189, 206) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 17.475, 230.425 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, 189, 206) }
```

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

```
.border{ border-color:rgb(143, 189, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 189, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 189, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 189, 206);  
box-shadow:4px 4px 4px 4px rgb(143, 189,  
206) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 17.475, 230.425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 189, 206) }
```

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

```
.background{ background-color: rgb(143,  
189, 206) }
```

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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