

Converting Colors

CIELCh(74, 16.546, 225.991)

Have a look what the booklet for
CIELCh(74, 16.546, 225.991)
contains.

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Color

CIELCh(74, 16.579, 225.790)

Conversions

Conversions Part 1

Format	Color
Hex	90BDCB
RGB	144, 189, 203
RGB Percent	56%, 74%, 80%
CMY	0.4348, 0.2583, 0.2034
CMYK	0.29, 0.07, 0.00, 0.20
HSL	194°, 36%, 68%
HSV	194°, 29%, 80%
XYZ	40.5392, 46.7039, 63.4537
YIQ	177.1410, -31.3140, -5.1860

Conversions

Conversions Part 2

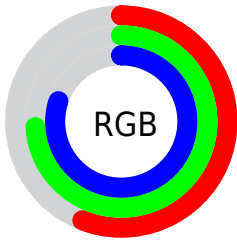
Format	Color
RYB	144, 170, 203
Decimal	9485771
CIELab	74.00, -11.56, -11.88
CIElCh	74, 16.579, 225.790
Yxy	46.7039, 0.2690, 0.3099
Android (android.graphics.Color)	4287675851 (0xFF90BDCB)
YUV	177.1410, 12.7485, -29.0647
Hunter-Lab	68.3403, -13.7098, -7.2123

Details

The CIELCh color `74, 16.579, 225.790` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `69, 20.095, 43.052`, and the grayscale version is `72, 0.009, 296.813`.

A 20% lighter version of the original color is `94, 15.804, 217.665`, and `54, 16.743, 224.903` is the 20% darker color. If you saturate the color by 10%, you get `72, 21.470, 226.886`, and if you desaturate by 10%, it is `77, 11.217, 224.964`.

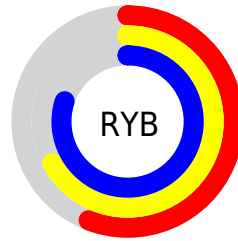
Distribution



Red (56%)

Green (74%)

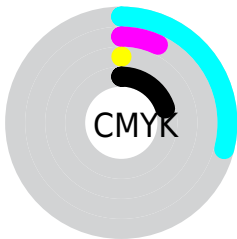
Blue (80%)



Red (56%)

Yellow (67%)

Blue (80%)

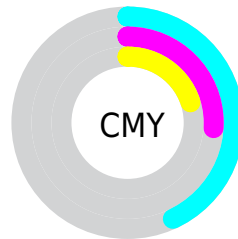


Cyan (29%)

Magenta (7%)

Yellow (0%)

Black (20%)



Cyan (43%)


Magenta (26%)


Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 16.579, 225.790 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, 16.579, 225.790 by changing the saturation by 10% instead.


 74, 16.579,
225.790


 74, 16.579,
225.790


 100, 16.579,
225.790


 64, 16.579,
225.790


 94, 16.579,
225.790

 54, 16.579,
225.790

 44, 16.579,
225.790

 34, 16.579,
225.790

 24, 16.579,
225.790

 14, 16.579,
225.790

 4, 16.579, 225.790

■ 0, 16.579, 225.790

■ 74, 16.579,
225.790

■ 74, 16.579,
225.790

■ 72, 21.470,
226.886

■ 77, 11.217,
224.964

■ 69, 25.804,
228.332

■ 79, 5.469, 224.393

■ 67, 29.509,
230.202

■ 82, 0.585, 42.920

■ 85, 6.875, 43.438

■ 65, 32.538,
232.587

■ 88, 13.341, 43.253

■ 63, 34.892,
235.575

■ 90, 16.056, 48.824

■ 91, 15.942, 59.540

■ 61, 36.639,
239.234

■ 92, 16.390, 70.008

■ 60, 37.968,
243.496

■ 93, 17.353, 79.579

■ 60, 38.096,
243.904

Harmonies

Complementary

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



74, 16.579, 225.790



69, 20.095, 43.052

Rectangle

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



74, 16.579, 225.790



74, 16.579, 275.790



74, 16.579, 45.790



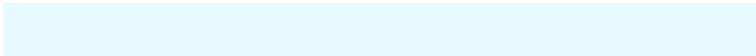
74, 16.579, 95.790

Sweetspot

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



74, 16.579, 225.785



97, 6.542, 224.396



77, 32.694, 149.494



51, 4.530, 224.463



0, 0.000, 0.000



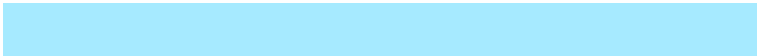
53, 0.007, 296.813

Same Dimension

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



74, 16.579, 225.785



89, 23.475, 226.456



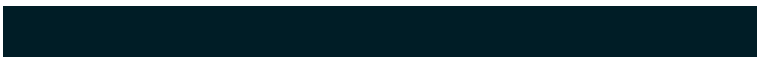
66, 24.364, 280.356



42, 3.438, 224.408



49, 32.646, 243.181



9, 11.765, 232.805

Inverse Universe

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



67, 32.802, 333.800



79, 47.399, 334.268



76, 23.988, 92.523



40, 6.389, 332.437



37, 69.860, 340.388



5, 23.913, 337.256

Previews

White Background



This preview shows how the CIELCh color 74, 16.579, 225.790 looks on a white background.

Color Contrast Check

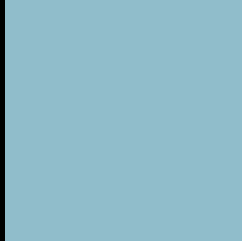
Large Text (above 18pt) WCAG AA × Fail

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 74, 16.579, 225.790 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, 16.579, 225.790

Background



This preview shows how black text looks on a background with the CIELCh color 74, 16.579, 225.790.

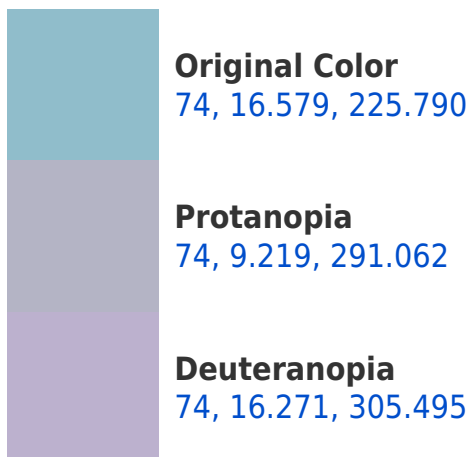


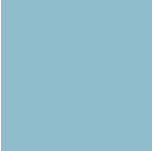
This preview shows how white text looks on a background with the CIELCh color 74, 16.579, 225.790.

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
74, 16.778, 227.558

Trichromacy



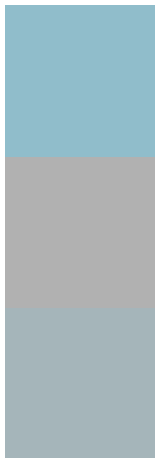
Original Color
74, 16.579, 225.790

Protanomaly
74, 10.198, 257.659

Deuteranomaly
74, 13.305, 277.818

Tritanomaly
74, 16.778, 227.558

Monochromacy



Original Color
74, 16.579, 225.790

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 6.317, 224.598

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 16.579, 225.790 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(144, 189, 203)` looks like.

```
.text, #text, p{  
    color:rgb(144, 189, 203)  
}
```

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(144, 189, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 189, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 16.579, 225.790 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(144, 189, 203) }
```

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

```
.border{ border-color:rgb(144, 189, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 189, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 189, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 189, 203);  
box-shadow:4px 4px 4px 4px rgb(144, 189,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 16.579, 225.790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 189, 203) }
```

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

```
.background{ background-color: rgb(144,  
189, 203) }
```

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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