

Converting Colors

CIELCh(76, 14.459, 222.898)

Have a look what the booklet for
CIELCh(76, 14.459, 222.898)
contains.

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Color

CIELCh(76, 14.606, 222.562)

Conversions

Conversions Part 1

Format	Color
Hex	9AC2CD
RGB	154, 194, 205
RGB Percent	60%, 76%, 80%
CMY	0.3959, 0.2390, 0.1959
CMYK	0.25, 0.05, 0.00, 0.20
HSL	193°, 34%, 70%
HSV	193°, 25%, 80%
XYZ	43.6610, 49.8872, 65.1133
YIQ	183.2940, -27.3710, -5.0590

Conversions

Conversions Part 2

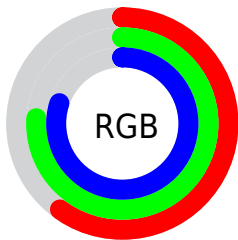
Format	Color
RYB	154, 176, 205
Decimal	10142413
CIELab	76.00, -10.76, -9.88
CIElCh	76, 14.606, 222.562
Yxy	49.8872, 0.2752, 0.3144
Android (android.graphics.Color)	4288332493 (0xFF9AC2CD)
YUV	183.2940, 10.7011, -25.6908
Hunter-Lab	70.6309, -13.2630, -5.2167

Details

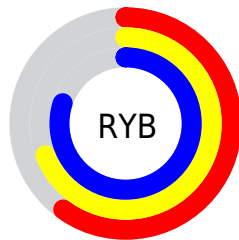
The CIELCh color `76, 14.606, 222.562` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `71, 17.231, 40.807`, and the grayscale version is `75, 0.009, 296.813`.

A 20% lighter version of the original color is `96, 14.071, 207.005`, and `56, 14.458, 224.302` is the 20% darker color. If you saturate the color by 10%, you get `74, 19.753, 223.391`, and if you desaturate by 10%, it is `79, 9.000, 221.963`.

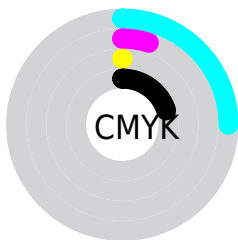
Distribution



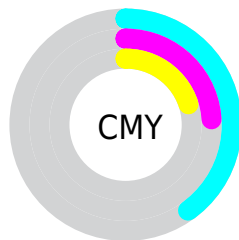
- Red (60%)
- Green (76%)
- Blue (80%)



- Red (60%)
- Yellow (69%)
- Blue (80%)



- Cyan (25%)
- Magenta (5%)
- Yellow (0%)
- Black (20%)





- Cyan (40%)
- Magenta (24%)
- Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 14.606, 222.562 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 76, 14.606, 222.562 by changing the saturation by 10% instead.

 76, 14.606,
222.562

 76, 14.606,
222.562


 100, 14.606,
222.562


 66, 14.606,
222.562


 96, 14.606,
222.562

 56, 14.606,
222.562

 46, 14.606,
222.562

 36, 14.606,
222.562

 26, 14.606,
222.562

 16, 14.606,
222.562

 6, 14.606, 222.562

0, 14.606, 222.562

76, 14.606,
222.562

76, 14.606,
222.562

74, 19.753,
223.391

79, 9.000, 221.963

81, 3.024, 221.646

71, 24.349,
224.519

84, 3.243, 40.997

69, 28.308,
226.008

87, 9.730, 40.920

67, 31.564,
227.941

89, 15.810, 41.575

90, 15.338, 51.548

65, 34.089,
230.405

91, 15.359, 61.800

64, 35.913,
233.483

93, 15.868, 71.678

■ 62, 37.142,
237.220

■ 94, 16.817, 80.659

■ 62, 37.667,
239.290

Harmonies

Complementary

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



76, 14.606, 222.562



71, 17.231, 40.807

Rectangle

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



76, 14.606, 222.562



76, 14.606, 272.562



76, 14.606, 42.562



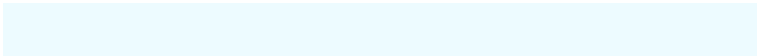
76, 14.606, 92.562

Sweetspot

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



76, 14.606, 222.556



98, 5.158, 221.673



78, 28.932, 148.722



52, 3.347, 221.688



0, 0.000, 0.000



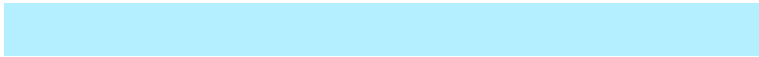
53, 0.007, 296.813

Same Dimension

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



76, 14.606, 222.556



91, 20.630, 222.983



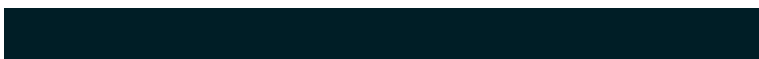
69, 20.097, 277.306



42, 3.468, 221.738



50, 32.085, 238.589



10, 11.738, 228.988

Inverse Universe

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



69, 28.742, 332.682



82, 41.343, 333.063



77, 20.015, 90.585



40, 6.488, 331.641



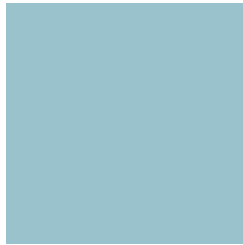
37, 70.952, 339.016



5, 24.341, 336.149

Previews

White Background



This preview shows how the CIELCh color 76, 14.606, 222.562 looks on a white background.

Color Contrast Check

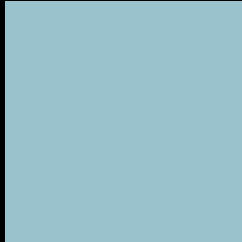
Large Text (above 18pt) WCAG AA × Fail

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 76, 14.606, 222.562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

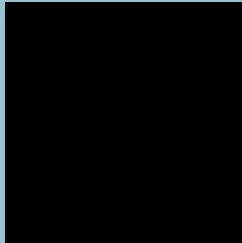
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

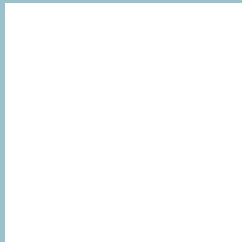
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 14.606, 222.562

Background



This preview shows how black text looks on a background with the CIELCh color 76, 14.606, 222.562.



This preview shows how white text looks on a background with the CIELCh color 76, 14.606, 222.562.

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
76, 15.152, 233.486

Trichromacy



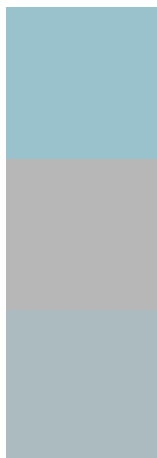
Original Color
76, 14.606, 222.562

Protanomaly
76, 8.664, 253.300

Deuteranomaly
76, 11.472, 280.678

Tritanomaly
76, 14.898, 231.638

Monochromacy



Original Color
76, 14.606, 222.562

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 5.770, 221.129

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 14.606, 222.562 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(154, 194, 205)` looks like.

```
.text, #text, p{  
    color:rgb(154, 194, 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(154, 194, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 194, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 14.606, 222.562 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(154, 194, 205) }
```

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

```
.border{ border-color:rgb(154, 194, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 194, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 194, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 194, 205);  
box-shadow:4px 4px 4px 4px rgb(154, 194,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 14.606, 222.562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 194, 205) }
```

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

```
.background{ background-color: rgb(154,  
194, 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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