

Converting Colors

CIELCh(76, 15.256, 229.824)

Have a look what the booklet for
CIELCh(76, 15.256, 229.824)
contains.

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Color

CIELCh(76, 15.189, 228.468)

Conversions

Conversions Part 1

Format	Color
Hex	9AC2D0
RGB	154, 194, 208
RGB Percent	60%, 76%, 82%
CMY	0.3968, 0.2400, 0.1851
CMYK	0.26, 0.07, 0.00, 0.19
HSL	196°, 36%, 71%
HSV	196°, 26%, 81%
XYZ	43.8947, 49.8872, 66.8571
YIQ	183.6360, -28.3340, -4.1260

Conversions

Conversions Part 2

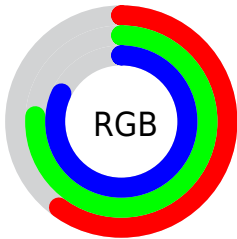
Format	Color
RYB	154, 177, 208
Decimal	10142416
CIELab	76.00, -10.07, -11.37
CIELCh	76, 15.189, 228.468
Yxy	49.8872, 0.2733, 0.3106
Android (android.graphics.Color)	4288332496 (0xFF9AC2D0)
YUV	183.6360, 12.0115, -25.9908
Hunter-Lab	70.6309, -12.6724, -6.6805

Details

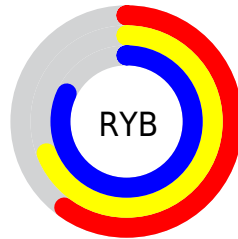
The CIELCh color **76, 15.189, 228.468** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **72, 17.913, 45.460**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 14.071, 207.005**, and **56, 15.359, 230.016** is the 20% darker color. If you saturate the color by 10%, you get **73, 20.335, 229.618**, and if you desaturate by 10%, it is **79, 9.612, 227.590**.

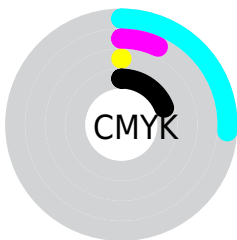
Distribution



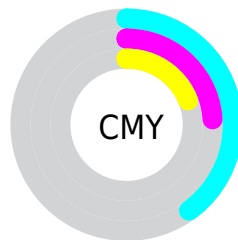
- Red (60%)
- Green (76%)
- Blue (82%)



- Red (60%)
- Yellow (69%)
- Blue (82%)



- Cyan (26%)
- Magenta (7%)
- Yellow (0%)
- Black (19%)





- Cyan (40%)
- Magenta (24%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 15.189, 228.468 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, 15.189, 228.468 by changing the saturation by 10% instead.


 76, 15.189,
228.468


 76, 15.189,
228.468


 100, 15.189,
228.468


 66, 15.189,
228.468


 96, 15.189,
228.468

 56, 15.189,
228.468

 46, 15.189,
228.468

 36, 15.189,
228.468

 26, 15.189,
228.468

 16, 15.189,
228.468

 6, 15.189, 228.468

0, 15.189, 228.468

76, 15.189,
228.468

76, 15.189,
228.468

73, 20.335,
229.618

79, 9.612, 227.590

71, 24.967,
231.120

82, 3.685, 227.002

85, 2.516, 46.131

68, 29.011,
233.049

88, 8.928, 45.905

66, 32.418,
235.495

90, 14.561, 47.365

92, 14.433, 60.599

64, 35.178,
238.551

93, 15.074, 73.333

62, 37.348,
242.286

94, 16.388, 84.473

■ 60, 39.065,
246.704

■ 96, 18.222, 93.613

■ 60, 39.727,
248.553

Harmonies

Complementary

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



76, 15.189, 228.468



72, 17.913, 45.460

Rectangle

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



76, 15.189, 228.468



76, 15.189, 278.468



76, 15.189, 48.468



76, 15.189, 98.468

Sweetspot

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



76, 15.189, 228.462



97, 5.790, 227.092



79, 29.438, 150.372



51, 4.100, 227.173



0, 0.000, 0.000



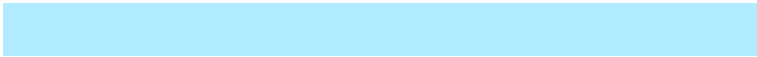
53, 0.007, 296.813

Same Dimension

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



76, 15.189, 228.462



90, 21.026, 229.046



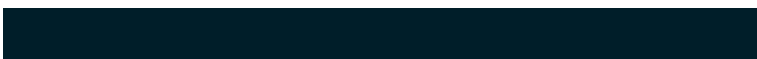
69, 22.567, 280.913



43, 3.485, 227.161



49, 33.803, 247.775



10, 12.358, 237.208

Inverse Universe

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



70, 29.448, 334.449



81, 41.445, 334.850



79, 22.169, 94.085



41, 6.419, 333.272



38, 69.564, 341.862



5, 25.469, 338.654

Previews

White Background



This preview shows how the CIELCh color 76, 15.189, 228.468 looks on a white background.

Color Contrast Check

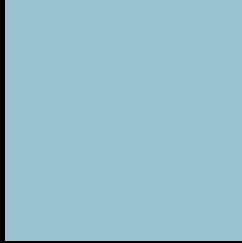
Large Text (above 18pt) WCAG AA × Fail

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, 15.189, 228.468 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

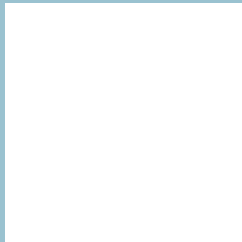
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 15.189, 228.468

Background



This preview shows how black text looks on a background with the CIELCh color 76, 15.189, 228.468.



This preview shows how white text looks on a background with the CIELCh color 76, 15.189, 228.468.

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

76, 15.189, 228.468

Protanopia

76, 9.163, 291.036

Deuteranopia

76, 15.762, 307.190



Tritanopia
76, 15.416, 230.333

Trichromacy



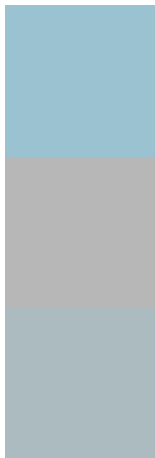
Original Color
76, 15.189, 228.468

Protanomaly
76, 9.969, 259.263

Deuteranomaly
76, 12.584, 280.167

Tritanomaly
76, 15.416, 230.333

Monochromacy



Original Color
76, 15.189, 228.468

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 5.971, 226.051

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 15.189, 228.468 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, 208)` looks like.

```
.text, #text, p{  
    color:rgb(154, 194, 208)  
}
```

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, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 194, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 15.189, 228.468 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, 208) }
```

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

```
.border{ border-color:rgb(154, 194, 208) }
```

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, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 194, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 194, 208);  
box-shadow:4px 4px 4px 4px rgb(154, 194,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 15.189, 228.468 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, 208) }
```

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

```
.background{ background-color: rgb(154,  
194, 208) }
```

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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