

Converting Colors

CIELCh(76, 13.782, 237.196)

Have a look what the booklet for
CIELCh(76, 13.782, 237.196)
contains.

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Color

CIELCh(76, 13.646, 238.136)

Conversions

Conversions Part 1

Format	Color
Hex	A0C0D0
RGB	160, 192, 208
RGB Percent	63%, 75%, 82%
CMY	0.3715, 0.2460, 0.1832
CMYK	0.23, 0.08, 0.00, 0.18
HSL	200°, 34%, 72%
HSV	200°, 23%, 82%
XYZ	44.8789, 49.8872, 67.1162
YIQ	184.2560, -24.2080, -1.8080

Conversions

Conversions Part 2

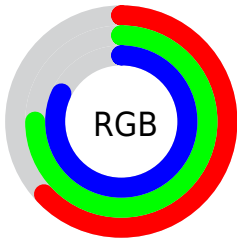
Format	Color
RYB	160, 179, 208
Decimal	10535120
CIELab	76.00, -7.20, -11.59
CIElCh	76, 13.646, 238.136
Yxy	49.8872, 0.2772, 0.3082
Android (android.graphics.Color)	4288725200 (0xFFA0C0D0)
YUV	184.2560, 11.7058, -21.2725
Hunter-Lab	70.6309, -10.1852, -6.8980

Details

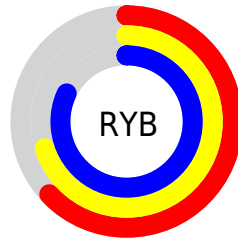
The CIELCh color **76, 13.646, 238.136** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **74, 15.453, 53.915**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 11.537, 217.004**, and **56, 13.842, 237.155** is the 20% darker color. If you saturate the color by 10%, you get **73, 19.073, 239.610**, and if you desaturate by 10%, it is **79, 7.894, 236.963**.

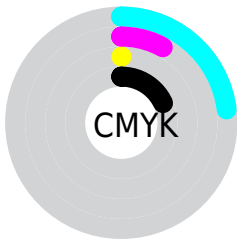
Distribution



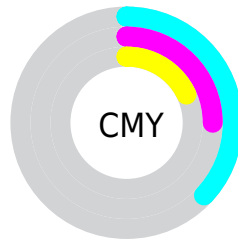
- Red (63%)
- Green (75%)
- Blue (82%)



- Red (63%)
- Yellow (70%)
- Blue (82%)



- Cyan (23%)
- Magenta (8%)
- Yellow (0%)
- Black (18%)





- Cyan (37%)
- Magenta (25%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 13.646, 238.136 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, 13.646, 238.136 by changing the saturation by 10% instead.


 76, 13.646,
238.136


 76, 13.646,
238.136


 100, 13.646,
238.136


 66, 13.646,
238.136


 96, 13.646,
238.136

 56, 13.646,
238.136

 46, 13.646,
238.136

 36, 13.646,
238.136

 26, 13.646,
238.136

 16, 13.646,
238.136

 6, 13.646, 238.136

0, 13.646, 238.136

76, 13.646,
238.136

76, 13.646,
238.136

73, 19.073,
239.610

79, 7.894, 236.963

70, 24.113,
241.465

83, 1.881, 236.210

67, 28.709,
243.776

86, 4.333, 55.059

64, 32.827,
246.632

89, 10.700, 54.507

61, 36.472,
250.109

92, 14.309, 62.037

59, 39.706,
254.251

94, 15.375, 78.154

95, 17.466, 91.209

97, 20.253,
100.992

■ 57, 42.662,
259.023

■ 99, 23.473,
108.173

■ 55, 44.693,
262.522

Harmonies

Complementary

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



76, 13.646, 238.136



74, 15.453, 53.915

Rectangle

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



76, 13.646, 238.136



76, 13.646, 288.136



76, 13.646, 58.136



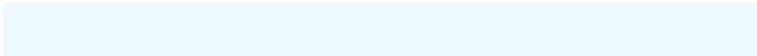
76, 13.646, 108.136

Sweetspot

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



76, 13.646, 238.130



97, 5.047, 236.420



80, 24.888, 153.181



52, 3.276, 236.468



0, 0.000, 0.000



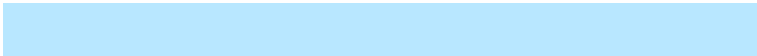
53, 0.007, 296.813

Same Dimension

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



76, 13.646, 238.130



89, 19.284, 238.868



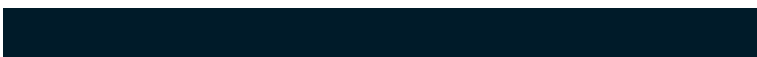
70, 21.618, 284.424



42, 3.467, 236.615



45, 37.800, 261.676



9, 13.064, 249.851

Inverse Universe

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



71, 24.854, 337.350



82, 35.606, 337.783



80, 21.006, 98.757



41, 6.088, 336.292



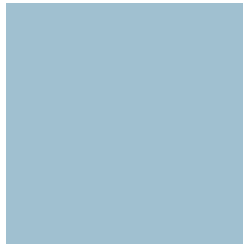
37, 66.350, 347.236



5, 24.110, 342.928

Previews

White Background



This preview shows how the CIELCh color 76, 13.646, 238.136 looks on a white background.

Color Contrast Check

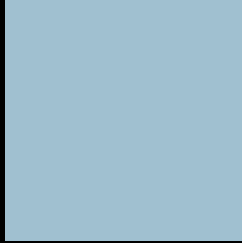
Large Text (above 18pt) WCAG AA × Fail

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, 13.646, 238.136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

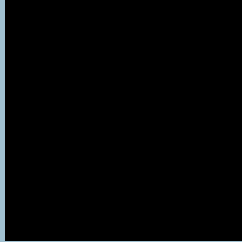
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

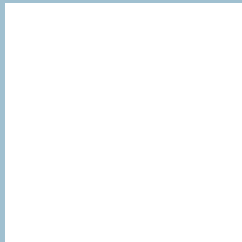
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 13.646, 238.136

Background



This preview shows how black text looks on a background with the CIELCh color 76, 13.646, 238.136.



This preview shows how white text looks on a background with the CIELCh color 76, 13.646, 238.136.

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](#).

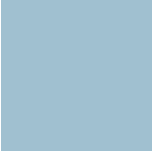
Dichromacy



Original Color
76, 13.646, 238.136

Protanopia
76, 9.702, 288.989

Deuteranopia
76, 15.762, 307.190



Tritanopia
76, 13.646, 238.136

Trichromacy



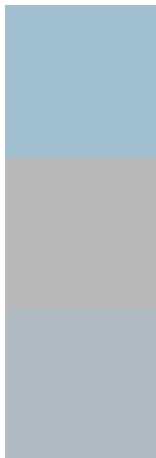
Original Color
76, 13.646, 238.136

Protanomaly
76, 10.469, 267.468

Deuteranomaly
76, 12.447, 284.882

Tritanomaly
76, 13.646, 238.136

Monochromacy



Original Color
76, 13.646, 238.136

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 5.047, 231.555

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 13.646, 238.136 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(160, 192, 208)` looks like.

```
.text, #text, p{  
    color:rgb(160, 192, 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(160, 192, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 192, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 13.646, 238.136 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(160, 192, 208) }
```

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

```
.border{ border-color:rgb(160, 192, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 192, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 192, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 192, 208);  
box-shadow:4px 4px 4px 4px rgb(160, 192,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 13.646, 238.136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 192, 208) }
```

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

```
.background{ background-color: rgb(160,  
192, 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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