

Converting Colors

CIELCh(76, 10.314, 203.851)

Have a look what the booklet for
CIELCh(76, 10.314, 203.851)
contains.

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Color

CIELCh(76, 10.255, 204.728)

Conversions

Conversions Part 1

Format	Color
Hex	A4C1C3
RGB	164, 193, 195
RGB Percent	64%, 76%, 76%
CMY	0.3574, 0.2437, 0.2359
CMYK	0.16, 0.01, 0.00, 0.24
HSL	184°, 20%, 70%
HSV	184°, 16%, 76%
XYZ	44.1529, 49.8872, 58.8460
YIQ	184.5570, -17.9260, -5.5260

Conversions

Conversions Part 2

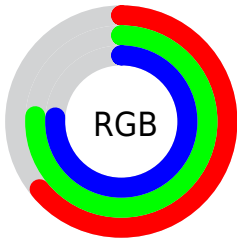
Format	Color
RYB	164, 179, 195
Decimal	10797507
CIELab	76.00, -9.31, -4.29
CIELCh	76, 10.255, 204.728
Yxy	49.8872, 0.2888, 0.3263
Android (android.graphics.Color)	4288987587 (0xFFA4C1C3)
YUV	184.5570, 5.1484, -18.0285
Hunter-Lab	70.6309, -12.0199, 0.0443

Details

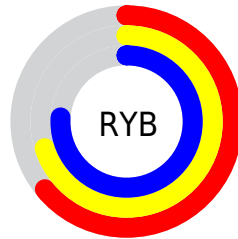
The CIELCh color $76, 10.255, 204.728$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $71, 11.389, 25.803$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 10.235, 207.503$, and $56, 10.012, 205.085$ is the 20% darker color. If you saturate the color by 10%, you get $74, 16.159, 204.503$, and if you desaturate by 10%, it is $78, 3.912, 205.080$.

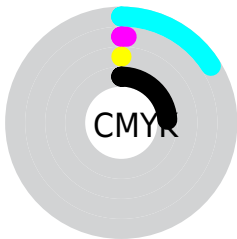
Distribution



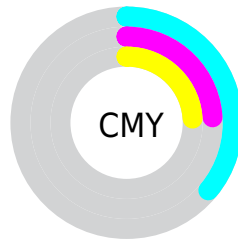
- Red (64%)
- Green (76%)
- Blue (76%)



- Red (64%)
- Yellow (70%)
- Blue (76%)



- Cyan (16%)
- Magenta (1%)
- Yellow (0%)
- Black (24%)





- Cyan (36%)
- Magenta (24%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 10.255, 204.728 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, 10.255, 204.728 by changing the saturation by 10% instead.


 76, 10.255,
204.728


 76, 10.255,
204.728


 100, 10.255,
204.728


 66, 10.255,
204.728


 96, 10.255,
204.728

 56, 10.255,
204.728

 46, 10.255,
204.728

 36, 10.255,
204.728

 26, 10.255,
204.728

 16, 10.255,
204.728

 6, 10.255, 204.728

0, 10.255, 204.728

76, 10.255,
204.728

76, 10.255,
204.728

74, 16.159,
204.503

78, 3.912, 205.080

73, 21.515,
204.392

80, 2.772, 25.079

81, 9.708, 25.601

72, 26.216,
204.401

84, 16.821, 26.042

71, 30.163,
204.548

85, 21.579, 26.918

85, 21.194, 28.738

70, 33.282,
204.856

86, 20.832, 30.623

69, 35.531,
205.346

86, 20.494, 32.574

■ 68, 36.921,
206.039

■ 86, 20.182, 34.588

■ 68, 37.530,
206.947

■ 68, 37.666,
207.353

Harmonies

Complementary

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



76, 10.255, 204.728



71, 11.389, 25.803

Rectangle

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



76, 10.255, 204.728



76, 10.255, 254.728



76, 10.255, 24.728



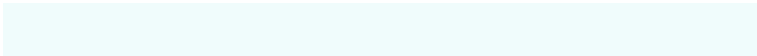
76, 10.255, 74.728

Sweetspot

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



76, 10.256, 204.719



98, 4.095, 205.128



76, 19.720, 144.823



53, 2.812, 205.086



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, 10.256, 204.719



95, 14.959, 204.634



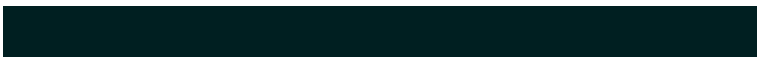
72, 10.386, 262.886



40, 3.706, 204.927



57, 32.677, 207.184



10, 11.578, 204.649

Inverse Universe

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



71, 19.551, 327.102



88, 28.845, 327.297



74, 10.680, 78.599



38, 6.915, 326.722



37, 77.816, 330.943



4, 22.811, 328.579

Previews

White Background



This preview shows how the CIELCh color 76, 10.255, 204.728 looks on a white background.

Color Contrast Check

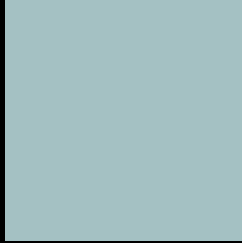
Large Text (above 18pt) WCAG AA × Fail

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, 10.255, 204.728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

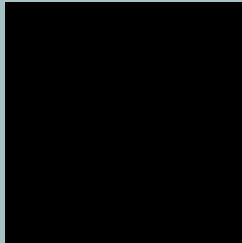
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

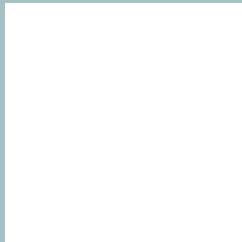
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 10.255, 204.728

Background



This preview shows how black text looks on a background with the CIELCh color 76, 10.255, 204.728.

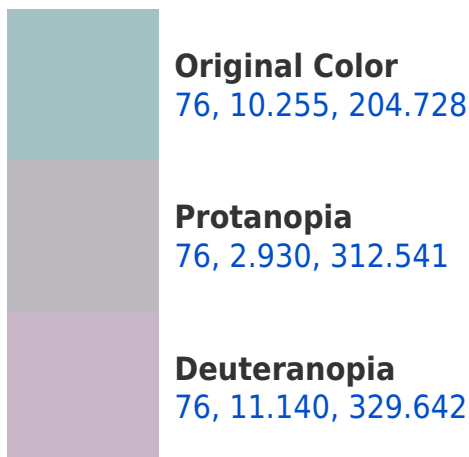


This preview shows how white text looks on a background with the CIELCh color 76, 10.255, 204.728.

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, 11.631, 243.122

Trichromacy



Original Color
76, 10.255, 204.728

Protanomaly
76, 3.585, 236.359

Deuteranomaly
76, 5.992, 297.691

Tritanomaly
76, 10.679, 229.219

Monochromacy



Original Color
76, 10.255, 204.728

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 3.676, 207.711

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 10.255, 204.728 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(164, 193, 195)` looks like.

```
.text, #text, p{  
    color:rgb(164, 193, 195)  
}
```

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(164, 193, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 193, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 10.255, 204.728 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(164, 193, 195) }
```

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

```
.border{ border-color:rgb(164, 193, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 193, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 193, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 193, 195);  
box-shadow:4px 4px 4px 4px rgb(164, 193,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 10.255, 204.728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 193, 195) }
```

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

```
.background{ background-color: rgb(164,  
193, 195) }
```

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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