

Converting Colors

CIELCh(76, 13.556, 200.697)

Have a look what the booklet for
CIELCh(76, 13.556, 200.697)
contains.

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Color

CIELCh(76, 13.547, 200.701)

Conversions

Conversions Part 1

Format	Color
Hex	9CC3C4
RGB	156, 195, 196
RGB Percent	61%, 76%, 77%
CMY	0.3895, 0.2366, 0.2327
CMYK	0.20, 0.01, 0.00, 0.23
HSL	181°, 25%, 69%
HSV	181°, 20%, 77%
XYZ	43.0143, 49.8872, 59.3884
YIQ	183.4530, -23.5650, -7.9570

Conversions

Conversions Part 2

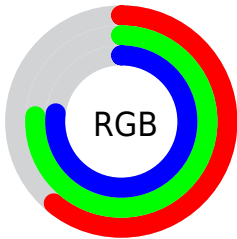
Format	Color
R _{YB}	156, 176, 196
Decimal	10273732
CIE _{Lab}	76.00, -12.67, -4.79
CIE _{LCh}	76, 13.547, 200.701
Yxy	49.8872, 0.2824, 0.3276
Android (android.graphics.Color)	4288463812 (0xFF9CC3C4)
YUV	183.4530, 6.1857, -24.0763
Hunter-Lab	70.6309, -14.8974, -0.4110

Details

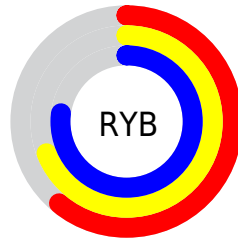
The CIELCh color `76, 13.547, 200.701` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `68, 15.512, 22.813`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `96, 13.726, 200.736`, and `56, 13.375, 200.617` is the 20% darker color. If you saturate the color by 10%, you get `75, 19.465, 200.337`, and if you desaturate by 10%, it is `77, 7.125, 201.138`.

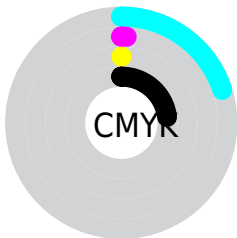
Distribution



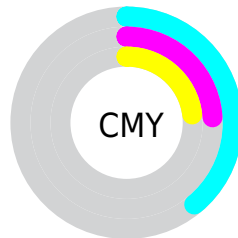
- Red (61%)
- Green (76%)
- Blue (77%)



- Red (61%)
- Yellow (69%)
- Blue (77%)



- Cyan (20%)
- Magenta (1%)
- Yellow (0%)
- Black (23%)





- Cyan (39%)
- Magenta (24%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 13.547, 200.701 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, 13.547, 200.701 by changing the saturation by 10% instead.


 76, 13.547,
200.701


 76, 13.547,
200.701


 100, 13.547,
200.701


 66, 13.547,
200.701


 96, 13.547,
200.701

 56, 13.547,
200.701

 46, 13.547,
200.701

 36, 13.547,
200.701

 26, 13.547,
200.701

 16, 13.547,
200.701

 6, 13.547, 200.701

0, 13.547, 200.701

76, 13.547,
200.701

76, 13.547,
200.701

75, 19.465,
200.337

77, 7.125, 201.138

74, 24.763,
200.056

79, 0.305, 203.302

81, 6.811, 21.931

73, 29.337,
199.861

82, 14.138, 22.496

72, 33.097,
199.759

84, 21.602, 23.053

85, 22.016, 23.699

71, 35.985,
199.760

85, 21.849, 24.361

71, 37.987,
199.870

85, 21.685, 25.033

■ 71, 39.145,
200.090

■ 85, 21.524, 25.716

■ 70, 39.649,
200.385

Harmonies

Complementary

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



76, 13.547, 200.701



68, 15.512, 22.813

Rectangle

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



76, 13.547, 200.701



76, 13.547, 250.701



76, 13.547, 20.701



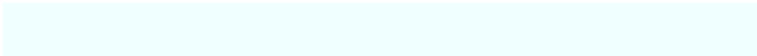
76, 13.547, 70.701

Sweetspot

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



76, 13.548, 200.695



99, 5.133, 201.383



75, 26.047, 143.578



53, 3.400, 201.341



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, 13.548, 200.695



96, 20.202, 200.508



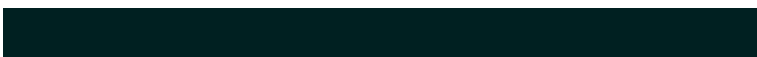
71, 12.951, 260.167



40, 3.850, 201.193



59, 34.273, 200.326



10, 12.097, 199.410

Inverse Universe

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



69, 25.921, 326.228



85, 39.312, 326.501



73, 13.589, 74.641



38, 7.105, 325.605



38, 80.240, 329.237



4, 23.666, 327.178

Previews

White Background



This preview shows how the CIELCh color 76, 13.547, 200.701 looks on a white background.

Color Contrast Check

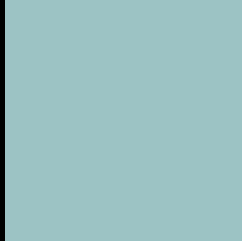
Large Text (above 18pt) WCAG AA × Fail

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 76, 13.547, 200.701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

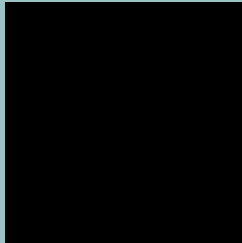
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

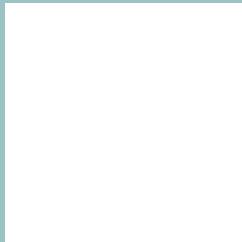
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 13.547, 200.701

Background



This preview shows how black text looks on a background with the CIELCh color 76, 13.547, 200.701.

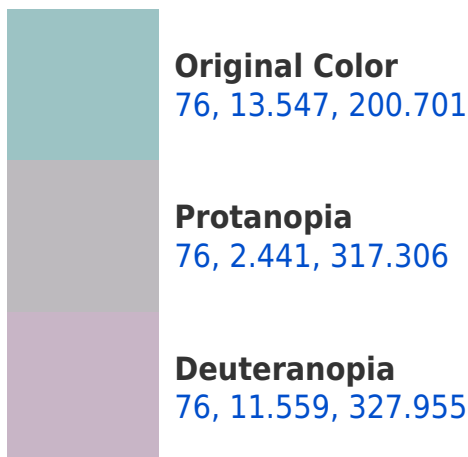


This preview shows how white text looks on a background with the CIELCh color 76, 13.547, 200.701.

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, 14.114, 233.772

Trichromacy



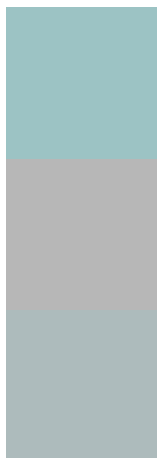
Original Color
76, 13.547, 200.701

Protanomaly
76, 4.599, 219.803

Deuteranomaly
76, 5.965, 283.802

Tritanomaly
76, 13.570, 222.057

Monochromacy



Original Color
76, 13.547, 200.701

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 5.097, 205.202

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 13.547, 200.701 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(156, 195, 196)` looks like.

```
.text, #text, p{  
    color:rgb(156, 195, 196)  
}
```

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(156, 195, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 195, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 13.547, 200.701 is called "border". The border property can be set on classes, ids or directly on the HTML element.

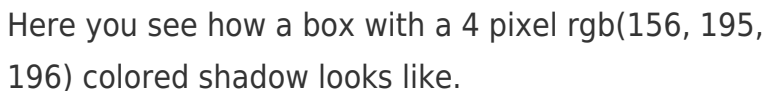
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(156, 195, 196) }
```

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

```
.border{ border-color:rgb(156, 195, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(156, 195, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 195, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 195, 196);  
box-shadow:4px 4px 4px 4px rgb(156, 195,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 13.547, 200.701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 195, 196) }
```

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

```
.background{ background-color: rgb(156,  
195, 196) }
```

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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