

Converting Colors

CIELCh(76, 17.574, 205.224)

Have a look what the booklet for
CIELCh(76, 17.574, 205.224)
contains.

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Color

CIELCh(76, 17.574, 205.224)

Conversions

Conversions Part 1

Format	Color
Hex	91C5C9
RGB	145, 197, 201
RGB Percent	57%, 77%, 79%
CMY	0.4332, 0.2293, 0.2136
CMYK	0.28, 0.02, 0.00, 0.21
HSL	184°, 34%, 68%
HSV	184°, 28%, 79%
XYZ	41.9390, 49.8872, 62.3817
YIQ	181.9080, -32.2760, -9.7800

Conversions

Conversions Part 2

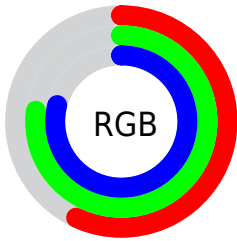
Format	Color
RYB	145, 172, 201
Decimal	9553353
CIELab	76.00, -15.90, -7.49
CIELCh	76, 17.574, 205.224
Yxy	49.8872, 0.2720, 0.3235
Android (android.graphics.Color)	4287743433 (0xFF91C5C9)
YUV	181.9080, 9.4124, -32.3683
Hunter-Lab	70.6309, -17.6150, -2.9237

Details

The CIELCh color **76, 17.574, 205.224** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **66, 21.355, 27.244**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 17.763, 199.993**, and **56, 17.624, 205.323** is the 20% darker color. If you saturate the color by 10%, you get **75, 22.891, 205.173**, and if you desaturate by 10%, it is **78, 11.677, 205.381**.

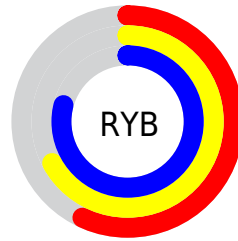
Distribution



Red (57%)

Green (77%)

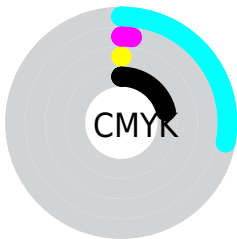
Blue (79%)



Red (57%)

Yellow (67%)

Blue (79%)

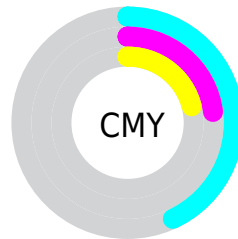


Cyan (28%)

Magenta (2%)

Yellow (0%)

Black (21%)



Cyan (43%)


Magenta (23%)


Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 17.574, 205.224 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, 17.574, 205.224 by changing the saturation by 10% instead.

 76, 17.574,
205.224

 76, 17.574,
205.224


 100, 17.574,
205.224


 66, 17.574,
205.224


 96, 17.574,
205.224

 56, 17.574,
205.224

 46, 17.574,
205.224

 36, 17.574,
205.224

 26, 17.574,
205.224

 16, 17.574,
205.224

 6, 17.574, 205.224

■ 0, 17.574, 205.224

■ 76, 17.574,
205.224

■ 76, 17.574,
205.224

■ 75, 22.891,
205.173

■ 78, 11.677,
205.381

■ 73, 27.518,
205.257

■ 79, 5.309, 205.668

■ 72, 31.358,
205.494

■ 81, 1.427, 25.470

■ 83, 8.437, 26.145

■ 71, 34.339,
205.910

■ 85, 15.643, 26.565

■ 70, 36.430,
206.530

■ 87, 19.147, 27.913

■ 87, 18.730, 30.296

■ 70, 37.653,
207.377

■ 87, 18.347, 32.784

■ 69, 38.130,
208.452

■ 88, 18.002, 35.373

■ 69, 38.194,
208.687

Harmonies

Complementary

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



76, 17.574, 205.224



66, 21.355, 27.244

Rectangle

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



76, 17.574, 205.224



76, 17.574, 255.224



76, 17.574, 25.224



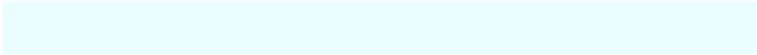
76, 17.574, 75.224

Sweetspot

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



76, 17.574, 205.220



98, 6.514, 205.661



76, 35.074, 144.338



52, 4.611, 205.605



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, 17.574, 205.220



93, 25.330, 205.175



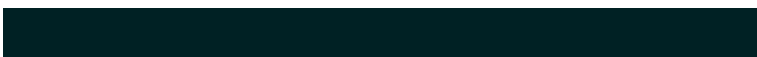
68, 18.976, 266.635



41, 3.762, 205.614



57, 32.814, 208.488



11, 12.075, 205.608

Inverse Universe

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



67, 34.983, 328.001



80, 51.604, 328.372



73, 19.859, 78.660



39, 7.031, 326.928



38, 78.293, 331.263



4, 25.151, 329.476

Previews

White Background



This preview shows how the CIELCh color 76, 17.574, 205.224 looks on a white background.

Color Contrast Check

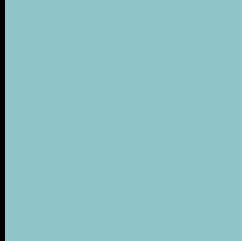
Large Text (above 18pt) WCAG AA × Fail

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, 17.574, 205.224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

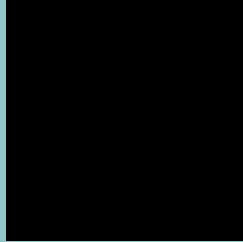
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

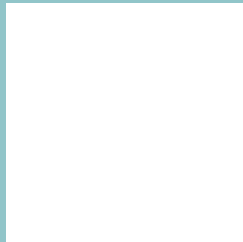
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 17.574, 205.224

Background



This preview shows how black text looks on a background with the CIELCh color 76, 17.574, 205.224.

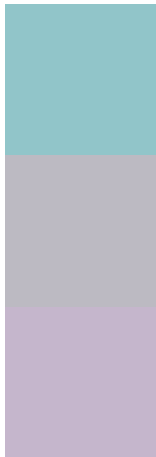


This preview shows how white text looks on a background with the CIELCh color 76, 17.574, 205.224.

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](#).

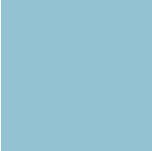
Dichromacy



Original Color
76, 17.574, 205.224

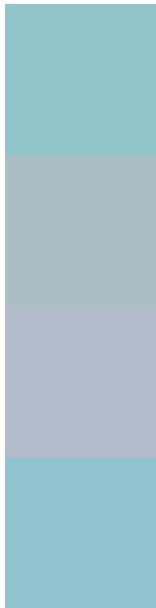
Protanopia
76, 4.388, 300.159

Deuteranopia
76, 13.102, 315.590



Tritanopia
76, 17.725, 227.662

Trichromacy



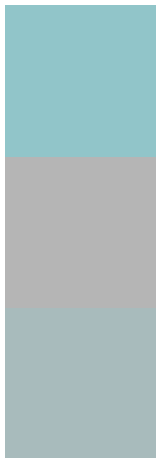
Original Color
76, 17.574, 205.224

Protanomaly
76, 7.106, 226.155

Deuteranomaly
76, 9.124, 270.621

Tritanomaly
76, 17.439, 218.253

Monochromacy



Original Color
76, 17.574, 205.224

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 6.855, 203.477

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 17.574, 205.224 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(145, 197, 201)` looks like.

```
.text, #text, p{  
    color:rgb(145, 197, 201)  
}
```

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(145, 197, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 197, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 17.574, 205.224 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(145, 197, 201) }
```

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

```
.border{ border-color:rgb(145, 197, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 197, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 197, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 197, 201);  
box-shadow:4px 4px 4px 4px rgb(145, 197,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 17.574, 205.224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 197, 201) }
```

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

```
.background{ background-color: rgb(145,  
197, 201) }
```

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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