

Converting Colors

CIELCh(76, 17.742, 196.572)

Have a look what the booklet for
CIELCh(76, 17.742, 196.572)
contains.

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Color

CIELCh(76, 17.755, 196.335)

Conversions

Conversions Part 1

Format	Color
Hex	91C5C4
RGB	145, 197, 196
RGB Percent	57%, 77%, 77%
CMY	0.4317, 0.2278, 0.2317
CMYK	0.26, 0.00, 0.01, 0.23
HSL	179°, 31%, 67%
HSV	179°, 26%, 77%
XYZ	41.5633, 49.8872, 59.6121
YIQ	181.3380, -30.6710, -11.3350

Conversions

Conversions Part 2

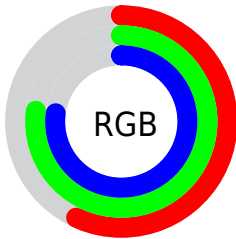
Format	Color
RYB	145, 171, 197
Decimal	9553348
CIELab	76.00, -17.04, -4.99
CIELCh	76, 17.755, 196.335
Yxy	49.8872, 0.2751, 0.3302
Android (android.graphics.Color)	4287743428 (0xFF91C5C4)
YUV	181.3380, 7.2284, -31.8684
Hunter-Lab	70.6309, -18.5644, -0.5988

Details

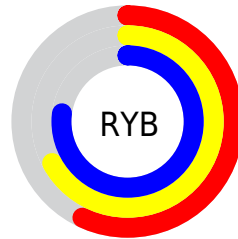
The CIELCh color **76, 17.755, 196.335** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **65, 21.060, 19.994**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 17.859, 196.662**, and **56, 17.596, 195.861** is the 20% darker color. If you saturate the color by 10%, you get **75, 23.553, 195.816**, and if you desaturate by 10%, it is **77, 11.386, 196.891**.

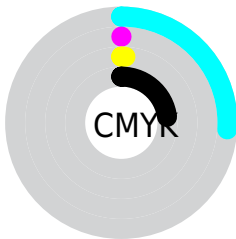
Distribution



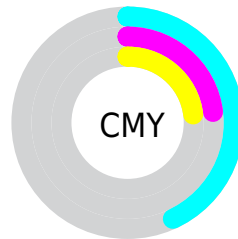
- Red (57%)
- Green (77%)
- Blue (77%)



- Red (57%)
- Yellow (67%)
- Blue (77%)



- Cyan (26%)
- Magenta (0%)
- Yellow (1%)
- Black (23%)





- Cyan (43%)
- Magenta (23%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 17.755, 196.335 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, 17.755, 196.335 by changing the saturation by 10% instead.


 76, 17.755,
196.335


 76, 17.755,
196.335


 100, 17.755,
196.335


 66, 17.755,
196.335


 96, 17.755,
196.335

 56, 17.755,
196.335

 46, 17.755,
196.335

 36, 17.755,
196.335

 26, 17.755,
196.335

 16, 17.755,
196.335

 6, 17.755, 196.335

0, 17.755, 196.335

76, 17.755,
196.335

76, 17.755,
196.335

75, 23.553,
195.816

77, 11.386,
196.891

74, 28.664,
195.345

79, 4.560, 197.538

73, 32.988,
194.917

80, 2.613, 17.812

82, 10.033, 18.587

73, 36.452,
194.531

83, 17.616, 19.246

72, 39.022,
194.182

85, 22.135, 19.423

85, 22.124, 18.914

72, 40.717,
193.863

85, 22.115, 18.404

■ 72, 41.628,
193.564

■ 85, 22.107, 17.894

■ 72, 41.863,
193.459

Harmonies

Complementary

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



76, 17.755, 196.335



65, 21.060, 19.994

Rectangle

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



76, 17.755, 196.335



76, 17.755, 246.335



76, 17.755, 16.335



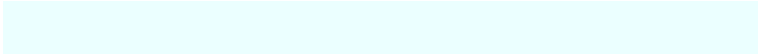
76, 17.755, 66.335

Sweetspot

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



76, 17.756, 196.331



99, 6.996, 197.412



75, 33.850, 141.859



52, 4.954, 197.309



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, 17.756, 196.331



95, 25.948, 196.012



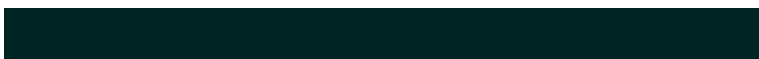
69, 16.009, 255.609



41, 4.041, 197.326



61, 36.410, 193.498



12, 13.128, 194.128

Inverse Universe

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



65, 21.060, 19.994



79, 32.169, 20.749



71, 17.458, 68.607



39, 4.278, 18.362



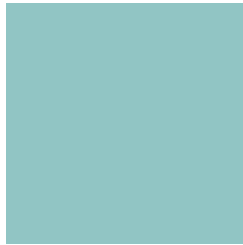
34, 73.868, 38.998



3, 15.891, 18.405

Previews

White Background



This preview shows how the CIELCh color 76, 17.755, 196.335 looks on a white background.

Color Contrast Check

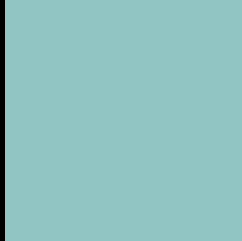
Large Text (above 18pt) WCAG AA × Fail

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, 17.755, 196.335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

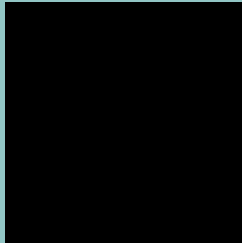
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

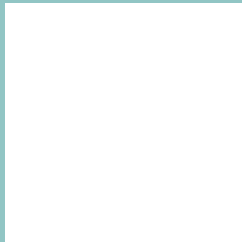
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 17.755, 196.335

Background



This preview shows how black text looks on a background with the CIELCh color 76, 17.755, 196.335.



This preview shows how white text looks on a background with the CIELCh color 76, 17.755, 196.335.

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, 17.262, 226.473

Trichromacy



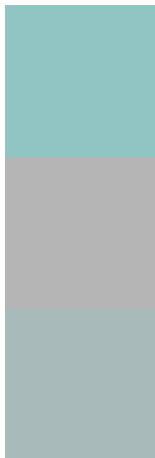
Original Color
76, 17.755, 196.335

Protanomaly
76, 6.184, 209.079

Deuteranomaly
76, 6.531, 264.781

Tritanomaly
76, 16.936, 214.998

Monochromacy



Original Color
76, 17.755, 196.335

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 6.910, 194.428

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 17.755, 196.335 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, 196)` looks like.

```
.text, #text, p{  
    color:rgb(145, 197, 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(145, 197, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 197, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 17.755, 196.335 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, 196) }
```

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

```
.border{ border-color:rgb(145, 197, 196) }
```

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, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 197, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 197, 196);  
box-shadow:4px 4px 4px 4px rgb(145, 197,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 17.755, 196.335 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, 196) }
```

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

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