

Converting Colors

CIELCh(76, 14.202, 200.528)

Have a look what the booklet for
CIELCh(76, 14.202, 200.528)
contains.

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Color

CIELCh(76, 14.194, 200.547)

Conversions

Conversions Part 1

Format	Color
Hex	9AC3C4
RGB	154, 195, 196
RGB Percent	60%, 76%, 77%
CMY	0.3961, 0.2353, 0.2314
CMYK	0.21, 0.01, 0.00, 0.23
HSL	181°, 26%, 69%
HSV	181°, 21%, 77%
XYZ	42.8066, 49.8872, 59.5991
YIQ	182.8550, -24.7570, -8.3810

Conversions

Conversions Part 2

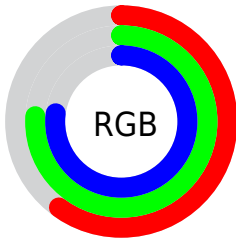
Format	Color
RYB	154, 175, 196
Decimal	10142660
CIELab	76.00, -13.29, -4.98
CIElCh	76, 14.194, 200.547
Yxy	49.8872, 0.2811, 0.3276
Android (android.graphics.Color)	4288332740 (0xFF9AC3C4)
YUV	182.8550, 6.4805, -25.3058
Hunter-Lab	70.6309, -15.4222, -0.5879

Details

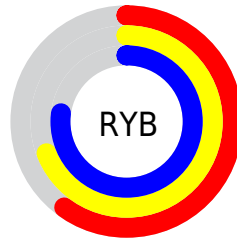
The CIELCh color `76, 14.194, 200.547` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `68, 16.369, 22.803`, and the grayscale version is `74, 0.009, 296.813`.

A 20% lighter version of the original color is `96, 14.360, 200.600`, and `56, 14.027, 200.440` is the 20% darker color. If you saturate the color by 10%, you get `75, 20.071, 200.185`, and if you desaturate by 10%, it is `77, 7.800, 200.978`.

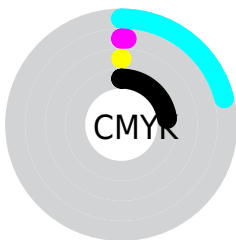
Distribution



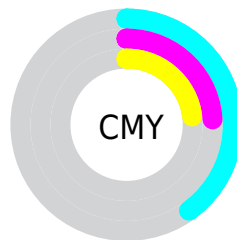
- Red (60%)
- Green (76%)
- Blue (77%)



- Red (60%)
- Yellow (69%)
- Blue (77%)



- Cyan (21%)
- Magenta (1%)
- Yellow (0%)
- Black (23%)




- Cyan (40%)
- Magenta (24%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 14.194, 200.547 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, 14.194, 200.547 by changing the saturation by 10% instead.


 76, 14.194,
200.547


 76, 14.194,
200.547


 100, 14.194,
200.547


 66, 14.194,
200.547


 96, 14.194,
200.547

 56, 14.194,
200.547

 46, 14.194,
200.547

 36, 14.194,
200.547

 26, 14.194,
200.547

 16, 14.194,
200.547

 6, 14.194, 200.547

0, 14.194, 200.547

76, 14.194,
200.547

76, 14.194,
200.547

75, 20.071,
200.185

77, 7.800, 200.978

79, 0.998, 201.911

74, 25.316,
199.906

81, 6.112, 21.770

73, 29.825,
199.712

82, 13.440, 22.343

72, 33.511,
199.611

84, 20.912, 22.903

85, 21.924, 23.518

71, 36.320,
199.612

85, 21.764, 24.151

71, 38.243,
199.719

85, 21.606, 24.793

■ 71, 39.328,
199.934

■ 85, 21.452, 25.444

■ 70, 39.763,
200.186

Harmonies

Complementary

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



76, 14.194, 200.547



68, 16.369, 22.803

Rectangle

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



76, 14.194, 200.547



76, 14.194, 250.547



76, 14.194, 20.547



76, 14.194, 70.547

Sweetspot

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



76, 14.195, 200.541



99, 5.139, 201.275



75, 27.351, 143.502



53, 3.404, 201.233



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, 14.195, 200.541



95, 20.959, 200.354



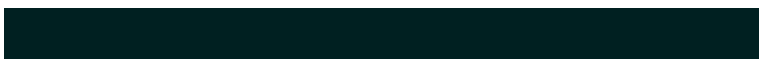
70, 13.592, 260.336



40, 3.855, 201.084



59, 34.328, 200.129



10, 12.113, 199.260

Inverse Universe

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



69, 27.239, 326.249



84, 40.910, 326.522



73, 14.298, 74.516



38, 7.110, 325.572



38, 80.315, 329.188



4, 23.692, 327.138

Previews

White Background



This preview shows how the CIELCh color 76, 14.194, 200.547 looks on a white background.

Color Contrast Check

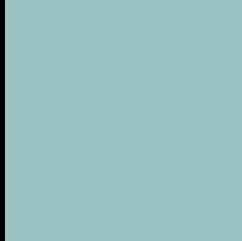
Large Text (above 18pt) WCAG AA × Fail

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, 14.194, 200.547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

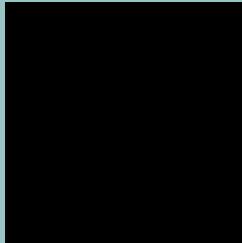
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

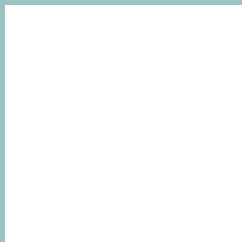
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 14.194, 200.547

Background



This preview shows how black text looks on a background with the CIELCh color 76, 14.194, 200.547.



This preview shows how white text looks on a background with the CIELCh color 76, 14.194, 200.547.

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, 14.194, 200.547

Protanopia

76, 2.930, 312.541

Deuteranopia

76, 11.987, 326.391



Tritanopia
76, 14.641, 234.916

Trichromacy



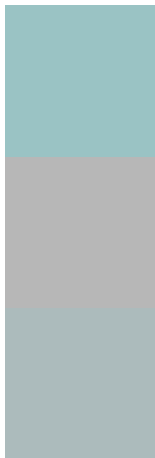
Original Color
76, 14.194, 200.547

Protanomaly
76, 5.114, 224.136

Deuteranomaly
76, 6.542, 281.314

Tritanomaly
76, 13.862, 221.514

Monochromacy



Original Color
76, 14.194, 200.547

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 5.450, 204.772

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 14.194, 200.547 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(154, 195, 196)` looks like.

```
.text, #text, p{  
    color:rgb(154, 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(154, 195, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 195, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 14.194, 200.547 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(154, 195, 196) }
```

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

```
.border{ border-color:rgb(154, 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(154, 195, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 195, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 195, 196); box-shadow:4px 4px 4px 4px rgb(154, 195, 196) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 14.194, 200.547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 195, 196) }
```

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

```
.background{ background-color: rgb(154,  
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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