

Converting Colors

CIELCh(68, 14.916, 194.634)

Have a look what the booklet for
CIELCh(68, 14.916, 194.634)
contains.

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Color

CIELCh(68, 14.900, 193.923)

Conversions

Conversions Part 1

Format	Color
Hex	84AEAC
RGB	132, 174, 172
RGB Percent	52%, 68%, 67%
CMY	0.4837, 0.3191, 0.3269
CMYK	0.24, 0.00, 0.01, 0.32
HSL	177°, 21%, 60%
HSV	177°, 24%, 68%
XYZ	31.9369, 37.9720, 44.4922
YIQ	161.2140, -24.3900, -9.5260

Conversions

Conversions Part 2

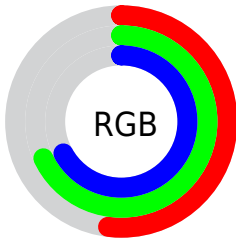
Format	Color
RYB	132, 154, 174
Decimal	8695468
CIELab	68.00, -14.46, -3.59
CIElCh	68, 14.900, 193.923
Yxy	37.9720, 0.2792, 0.3319
Android (android.graphics.Color)	4286885548 (0xFF84AEAC)
YUV	161.2140, 5.3175, -25.6207
Hunter-Lab	61.6215, -15.3253, 0.3262

Details

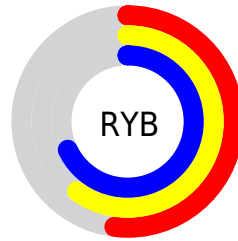
The CIELCh color $68, 14.900, 193.923$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $59, 17.222, 17.513$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 15.103, 192.432$, and $48, 15.087, 193.285$ is the 20% darker color. If you saturate the color by 10%, you get $67, 20.348, 193.291$, and if you desaturate by 10%, it is $69, 8.986, 194.575$.

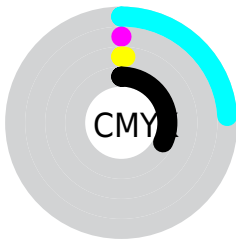
Distribution



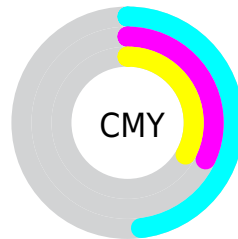
- Red (52%)
- Green (68%)
- Blue (67%)



- Red (52%)
- Yellow (60%)
- Blue (68%)



- Cyan (24%)
- Magenta (0%)
- Yellow (1%)
- Black (32%)



- Cyan (48%)
- Magenta (32%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 14.900, 193.923 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 68, 14.900, 193.923 by changing the saturation by 10% instead.


 68, 14.900,
193.923


 68, 14.900,
193.923

 100, 14.900,
193.923


 58, 14.900,
193.923


 88, 14.900,
193.923

 48, 14.900,
193.923

 98, 14.900,
193.923

 38, 14.900,
193.923

 28, 14.900,
193.923

 18, 14.900,
193.923

 8, 14.900, 193.923

 0, 14.900, 193.923

68, 14.900,
193.923

68, 14.900,
193.923

67, 20.348,
193.291

69, 8.986, 194.575

66, 25.225,
192.683

70, 2.709, 195.352

72, 3.837, 15.704

66, 29.435,
192.092

73, 10.568, 16.455

65, 32.900,
191.511

75, 17.412, 17.148

77, 24.314, 17.830

65, 35.576,
190.931

79, 31.226, 18.506

64, 37.460,
190.342

79, 31.917, 17.879

79, 31.892, 17.100

64, 38.604,
189.731

64, 39.074,

189.371

Harmonies

Complementary

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



68, 14.900, 193.923



59, 17.222, 17.513

Rectangle

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



68, 14.900, 193.923



68, 14.900, 243.923



68, 14.900, 13.923



68, 14.900, 63.923

Sweetspot

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



68, 14.901, 193.918



89, 5.604, 195.085



67, 27.833, 141.630



48, 3.666, 195.039



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



68, 14.901, 193.918



86, 21.830, 193.581



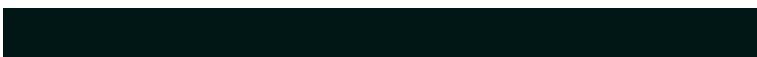
63, 13.089, 253.201



36, 3.624, 194.919



56, 35.143, 189.447



6, 7.851, 193.657

Inverse Universe

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



59, 17.222, 17.513



73, 26.145, 18.155



64, 14.246, 67.067



34, 3.821, 16.051



31, 68.262, 37.516



2, 7.820, 16.173

Previews

White Background



This preview shows how the CIELCh color 68, 14.900, 193.923 looks on a white background.

Color Contrast Check

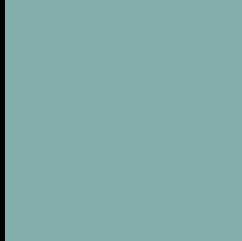
Large Text (above 18pt) WCAG AA × Fail

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 68, 14.900, 193.923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

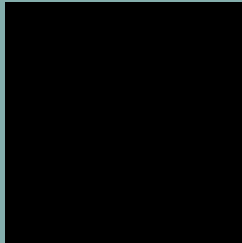
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 14.900, 193.923

Background



This preview shows how black text looks on a background with the CIELCh color 68, 14.900, 193.923.

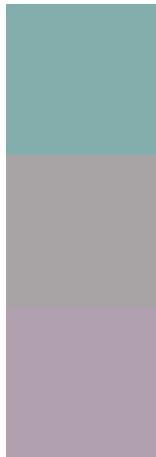


This preview shows how white text looks on a background with the CIELCh color 68, 14.900, 193.923.

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

68, 14.900, 193.923

Protanopia

68, 1.890, 343.653

Deuteranopia

68, 10.064, 330.270



Tritanopia
68, 14.335, 228.655

Trichromacy



Original Color
68, 14.900, 193.923

Protanomaly
68, 4.819, 199.089

Deuteranomaly
68, 4.629, 272.046

Tritanomaly
68, 13.938, 214.522

Monochromacy



Original Color
68, 14.900, 193.923

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 5.968, 193.638

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 14.900, 193.923 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(132, 174, 172)` looks like.

```
.text, #text, p{  
    color:rgb(132, 174, 172)  
}
```

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(132, 174, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 174, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 14.900, 193.923 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(132, 174, 172) }
```

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

```
.border{ border-color:rgb(132, 174, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 174, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 174, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 174, 172);  
box-shadow:4px 4px 4px 4px rgb(132, 174,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 14.900, 193.923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 174, 172) }
```

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

```
.background{ background-color: rgb(132,  
174, 172) }
```

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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