

Converting Colors

CIELCh(68, 14.038, 191.453)

Have a look what the booklet for
CIELCh(68, 14.038, 191.453)
contains.

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Color

CIELCh(68, 14.038, 191.453)

Conversions

Conversions Part 1

Format	Color
Hex	86ADAA
RGB	134, 173, 170
RGB Percent	53%, 68%, 67%
CMY	0.4736, 0.3207, 0.3324
CMYK	0.23, 0.00, 0.02, 0.32
HSL	175°, 19%, 60%
HSV	175°, 23%, 68%
XYZ	32.1313, 37.9720, 43.7786
YIQ	160.9970, -22.2810, -9.2010

Conversions

Conversions Part 2

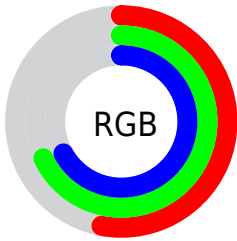
Format	Color
RYB	134, 154, 173
Decimal	8826282
CIELab	68.00, -13.76, -2.79
CIELCh	68, 14.038, 191.453
Yxy	37.9720, 0.2821, 0.3334
Android (android.graphics.Color)	4287016362 (0xFF86ADAA)
YUV	160.9970, 4.4385, -23.6764
Hunter-Lab	61.6215, -14.7623, 1.0128

Details

The CIELCh color `68, 14.038, 191.453` is a light color, and the websafe version is hex `669999`. A complement of this color would be `60, 15.916, 15.028`, and the grayscale version is `66, 0.008, 296.813`.

A 20% lighter version of the original color is `88, 13.837, 191.961`, and `48, 14.263, 190.699` is the 20% darker color. If you saturate the color by 10%, you get `67, 19.649, 190.721`, and if you desaturate by 10%, it is `69, 8.001, 192.190`.

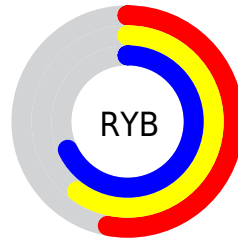
Distribution



Red (53%)

Green (68%)

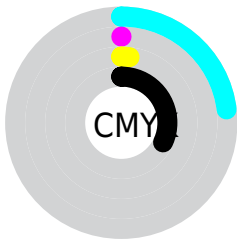
Blue (67%)



Red (53%)

Yellow (60%)

Blue (68%)

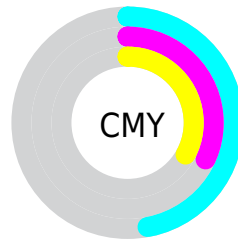


Cyan (23%)

Magenta (0%)

Yellow (2%)

Black (32%)



Cyan (47%)

Magenta (32%)

Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 14.038, 191.453 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, 14.038, 191.453 by changing the saturation by 10% instead.

 68, 14.038,
191.453

 68, 14.038,
191.453

 100, 14.038,
191.453

 58, 14.038,
191.453


 88, 14.038,
191.453

 48, 14.038,
191.453

 98, 14.038,
191.453

 38, 14.038,
191.453

 28, 14.038,
191.453

 18, 14.038,
191.453

 8, 14.038, 191.453

 0, 14.038, 191.453

68, 14.038,
191.453

68, 14.038,
191.453

67, 19.649,
190.721

69, 8.001, 192.190

66, 24.728,
189.996

70, 1.640, 193.142

72, 4.953, 13.464

65, 29.173,
189.263

73, 11.698, 14.234

65, 32.900,
188.512

75, 18.527, 14.960

77, 25.388, 15.670

64, 35.853,
187.732

79, 32.047, 16.315

64, 38.017,
186.908

79, 32.031, 15.062

79, 32.030, 13.809

64, 39.431,
186.023

64, 40.160,

Harmonies

Complementary

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



68, 14.038, 191.453



60, 15.916, 15.028

Rectangle

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



68, 14.038, 191.453



68, 14.038, 241.453



68, 14.038, 11.453



68, 14.038, 61.453

Sweetspot

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



68, 14.039, 191.448



88, 5.584, 192.622



67, 25.587, 140.894



47, 3.620, 192.574



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



68, 14.039, 191.448



85, 20.475, 191.088



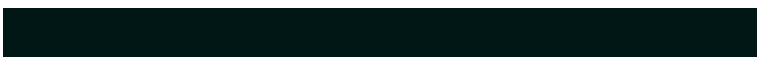
64, 11.911, 248.843



36, 3.646, 192.441



56, 36.169, 185.449



6, 7.918, 190.280

Inverse Universe

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



60, 15.916, 15.028



73, 23.931, 15.624



64, 13.043, 63.521



34, 3.831, 13.683



31, 67.226, 36.259



2, 7.844, 14.193

Previews

White Background



This preview shows how the CIELCh color 68, 14.038, 191.453 looks on a white background.

Color Contrast Check

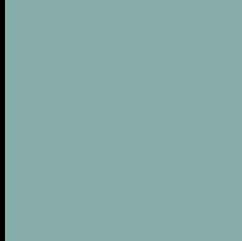
Large Text (above 18pt) WCAG AA × Fail

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 68, 14.038, 191.453 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

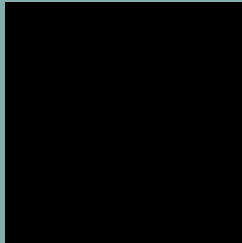
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 14.038, 191.453

Background



This preview shows how black text looks on a background with the CIELCh color 68, 14.038, 191.453.

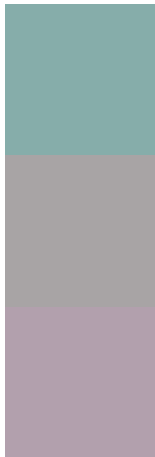


This preview shows how white text looks on a background with the CIELCh color 68, 14.038, 191.453.

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](#).

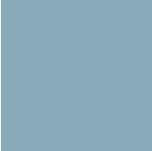
Dichromacy



Original Color
68, 14.038, 191.453

Protanopia
68, 1.626, 359.465

Deuteranopia
68, 9.908, 334.041



Tritanopia
68, 13.780, 232.844

Trichromacy



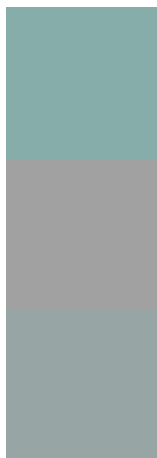
Original Color
68, 14.038, 191.453

Protanomaly
68, 4.093, 199.167

Deuteranomaly
68, 4.001, 274.460

Tritanomaly
68, 13.145, 218.163

Monochromacy



Original Color
68, 14.038, 191.453

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 5.250, 192.977

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 14.038, 191.453 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(134, 173, 170)` looks like.

```
.text, #text, p{  
    color:rgb(134, 173, 170)  
}
```

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(134, 173, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 173, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 14.038, 191.453 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(134, 173, 170) }
```

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

```
.border{ border-color:rgb(134, 173, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 173, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 173, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 173, 170);  
box-shadow:4px 4px 4px 4px rgb(134, 173,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 14.038, 191.453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 173, 170) }
```

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

```
.background{ background-color: rgb(134,  
173, 170) }
```

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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