

Converting Colors

CIELCh(68, 15.059, 241.130)

Have a look what the booklet for
CIELCh(68, 15.059, 241.130)
contains.

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Color

CIELCh(68, 14.953, 240.460)

Conversions

Conversions Part 1

Format	Color
Hex	89ABBD
RGB	137, 171, 189
RGB Percent	54%, 67%, 74%
CMY	0.4639, 0.3305, 0.2600
CMYK	0.28, 0.10, 0.00, 0.26
HSL	201°, 28%, 64%
HSV	201°, 28%, 74%
XYZ	33.9312, 37.9720, 53.5175
YIQ	162.8860, -26.0420, -1.6100

Conversions

Conversions Part 2

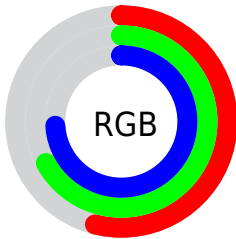
Format	Color
RYB	137, 158, 189
Decimal	9022397
CIELab	68.00, -7.37, -13.01
CIElCh	68, 14.953, 240.460
Yxy	37.9720, 0.2705, 0.3028
Android (android.graphics.Color)	4287212477 (0xFF89ABBD)
YUV	162.8860, 12.8742, -22.7020
Hunter-Lab	61.6215, -9.5483, -8.3576

Details

The CIELCh color $68, 14.953, 240.460$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $66, 17.299, 55.061$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 14.988, 240.488$, and $48, 14.919, 240.972$ is the 20% darker color. If you saturate the color by 10%, you get $65, 19.863, 242.138$, and if you desaturate by 10%, it is $71, 9.735, 239.110$.

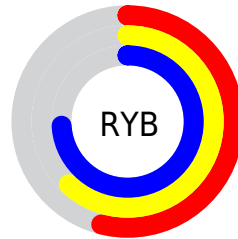
Distribution



Red (54%)

Green (67%)

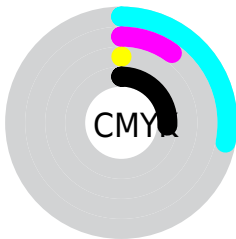
Blue (74%)



Red (54%)

Yellow (62%)

Blue (74%)

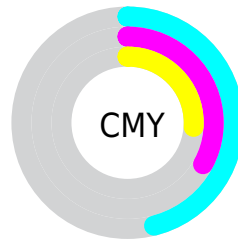


Cyan (28%)

Magenta (10%)

Yellow (0%)

Black (26%)



Cyan (46%)

Magenta (33%)

Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 14.953, 240.460 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, 14.953, 240.460 by changing the saturation by 10% instead.

 68, 14.953,
240.460

 68, 14.953,
240.460

 100, 14.953,
240.460

 58, 14.953,
240.460

 88, 14.953,
240.460

 48, 14.953,
240.460

 98, 14.953,
240.460

 38, 14.953,
240.460

 28, 14.953,
240.460

 18, 14.953,
240.460

 8, 14.953, 240.460

 0, 14.953, 240.460

68, 14.953,
240.460

68, 14.953,
240.460

65, 19.863,
242.138

71, 9.735, 239.110

74, 4.267, 238.072

62, 24.413,
244.228

77, 1.399, 56.746

59, 28.563,
246.808

80, 7.215, 56.288

57, 32.298,
249.960

84, 13.142, 55.726

87, 19.146, 55.252

54, 35.647,
253.744

89, 20.884, 63.272

52, 38.694,
258.169

91, 21.718, 73.889

92, 23.240, 83.367

50, 41.597,
263.103

49, 42.333,

264.288

Harmonies

Complementary

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



68, 14.953, 240.460



66, 17.299, 55.061

Rectangle

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



68, 14.953, 240.460



68, 14.953, 290.460



68, 14.953, 60.460



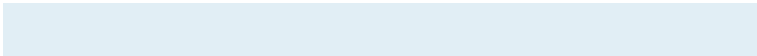
68, 14.953, 110.460

Sweetspot

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



68, 14.952, 240.455



93, 5.580, 238.121



72, 27.085, 153.445



49, 3.953, 238.259



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



68, 14.952, 240.455



84, 21.799, 241.417



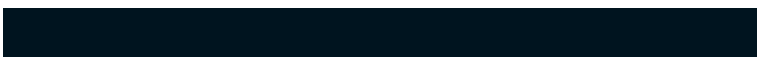
61, 24.487, 286.025



38, 3.192, 238.232



42, 36.825, 263.532



5, 9.983, 251.956

Inverse Universe

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



63, 27.199, 338.282



77, 40.213, 338.798



73, 23.563, 99.245



37, 5.543, 336.837



35, 62.963, 348.098



3, 15.482, 342.483

Previews

White Background



This preview shows how the CIELCh color 68, 14.953, 240.460 looks on a white background.

Color Contrast Check

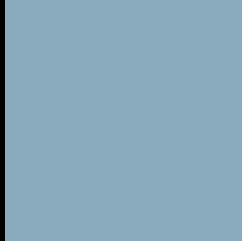
Large Text (above 18pt) WCAG AA × Fail

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, 14.953, 240.460 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

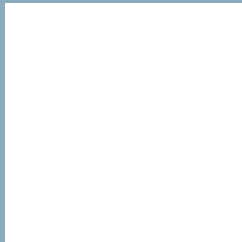
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 14.953, 240.460

Background



This preview shows how black text looks on a background with the CIELCh color 68, 14.953, 240.460.



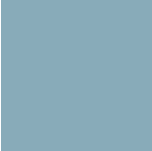
This preview shows how white text looks on a background with the CIELCh color 68, 14.953, 240.460.

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
68, 14.045, 232.096

Trichromacy



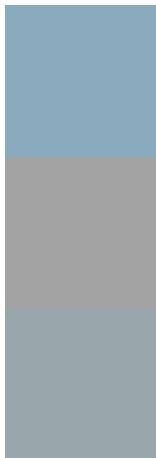
Original Color
68, 14.953, 240.460

Protanomaly
68, 11.826, 268.497

Deuteranomaly
68, 13.996, 280.008

Tritanomaly
68, 14.308, 234.094

Monochromacy



Original Color
68, 14.953, 240.460

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 5.734, 234.500

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 14.953, 240.460 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(137, 171, 189)` looks like.

```
.text, #text, p{  
    color:rgb(137, 171, 189)  
}
```

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(137, 171, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 171, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 14.953, 240.460 is called "border". The border property can be set on classes, ids or directly on the HTML element.

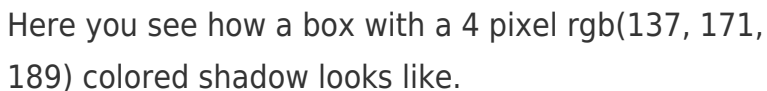
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(137, 171, 189) }
```

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

```
.border{ border-color:rgb(137, 171, 189) }
```

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



Here you see how a box with a 4 pixel `rgb(137, 171, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 171, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 171, 189); box-shadow:4px 4px 4px 4px rgb(137, 171, 189) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 14.953, 240.460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 171, 189) }
```

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

```
.background{ background-color: rgb(137,  
171, 189) }
```

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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