

Converting Colors

CIELCh(69, 14.506, 234.569)

Have a look what the booklet for
CIELCh(69, 14.506, 234.569)
contains.

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Color

CIELCh(69, 14.540, 233.307)

Conversions

Conversions Part 1

Format	Color
Hex	8AAEBD
RGB	138, 174, 189
RGB Percent	54%, 68%, 74%
CMY	0.4589, 0.3177, 0.2589
CMYK	0.27, 0.08, 0.00, 0.26
HSL	198°, 28%, 64%
HSV	198°, 27%, 74%
XYZ	34.7979, 39.3444, 53.8985
YIQ	164.9460, -26.2710, -2.9670

Conversions

Conversions Part 2

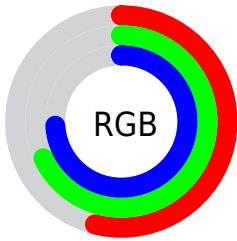
Format	Color
R _{YB}	138, 159, 189
Decimal	9088701
CIE _{Lab}	69.00, -8.69, -11.66
CIE _{LCh}	69, 14.540, 233.307
Y _{xy}	39.3444, 0.2718, 0.3073
Android (android.graphics.Color)	4287278781 (0xFF8AAEBD)
YUV	164.9460, 11.8586, -23.6316
Hunter-Lab	62.7251, -10.7427, -7.0392

Details

The CIELCh color **69, 14.540, 233.307** is a light color, and the websafe version is hex **669999**. A complement of this color would be **66, 17.080, 49.268**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 14.592, 233.772**, and **49, 14.722, 232.511** is the 20% darker color. If you saturate the color by 10%, you get **66, 19.320, 234.690**, and if you desaturate by 10%, it is **72, 9.394, 232.222**.

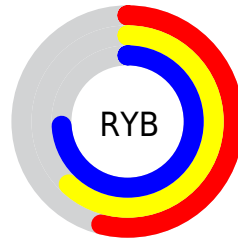
Distribution



Red (54%)

Green (68%)

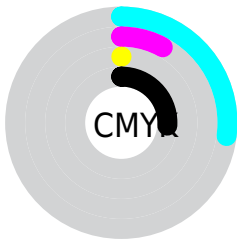
Blue (74%)



Red (54%)

Yellow (62%)

Blue (74%)

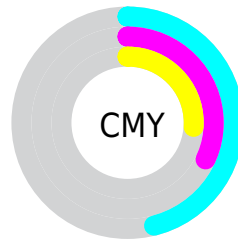


Cyan (27%)

Magenta (8%)

Yellow (0%)

Black (26%)



Cyan (46%)


Magenta (32%)


Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 14.540, 233.307 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 69, 14.540, 233.307 by changing the saturation by 10% instead.


 69, 14.540,
233.307


 69, 14.540,
233.307


 100, 14.540,
233.307


 59, 14.540,
233.307


 89, 14.540,
233.307

 49, 14.540,
233.307

 99, 14.540,
233.307

 39, 14.540,
233.307

 29, 14.540,
233.307

 19, 14.540,
233.307

 9, 14.540, 233.307

 0, 14.540, 233.307

69, 14.540,
233.307

69, 14.540,
233.307

66, 19.320,
234.690

72, 9.394, 232.222

64, 23.667,
236.455

75, 3.950, 231.432

77, 1.730, 50.352

61, 27.525,
238.680

80, 7.591, 50.042

59, 30.860,
241.456

83, 13.585, 49.658

87, 19.674, 49.348

57, 33.681,
244.864

88, 20.657, 56.971

55, 36.054,
248.952

90, 20.949, 66.409

91, 21.795, 75.319

53, 38.127,
253.663

52, 38.762,

Harmonies

Complementary

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



69, 14.540, 233.307



66, 17.080, 49.268

Rectangle

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



69, 14.540, 233.307



69, 14.540, 283.307



69, 14.540, 53.307



69, 14.540, 103.307

Sweetspot

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



69, 14.540, 233.302



94, 5.568, 231.503



72, 27.598, 151.531



49, 3.943, 231.607



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



69, 14.540, 233.302



85, 20.927, 234.027



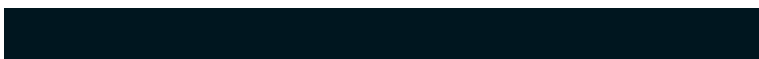
62, 22.609, 283.118



38, 3.185, 231.587



44, 33.765, 254.345



6, 9.643, 244.424

Inverse Universe

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



63, 27.638, 335.948



77, 40.401, 336.383



73, 22.013, 96.221



37, 5.752, 334.643



35, 64.969, 344.198



3, 16.163, 339.458

Previews

White Background



This preview shows how the CIELCh color 69, 14.540, 233.307 looks on a white background.

Color Contrast Check

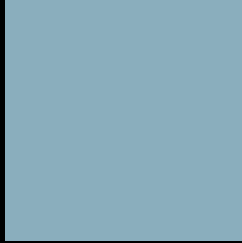
Large Text (above 18pt) WCAG AA × Fail

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 69, 14.540, 233.307 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

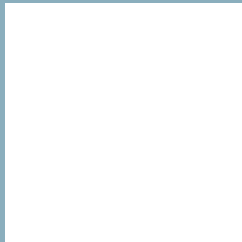
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 14.540, 233.307

Background



This preview shows how black text looks on a background with the CIELCh color 69, 14.540, 233.307.



This preview shows how white text looks on a background with the CIELCh color 69, 14.540, 233.307.

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
69, 14.540, 233.307

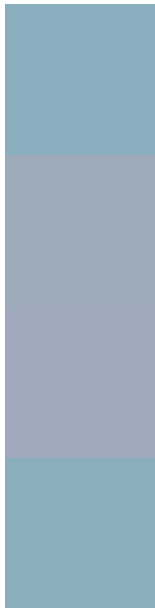
Protanopia
69, 9.348, 288.908

Deuteranopia
69, 15.261, 303.856



Tritanopia
69, 14.284, 231.334

Trichromacy



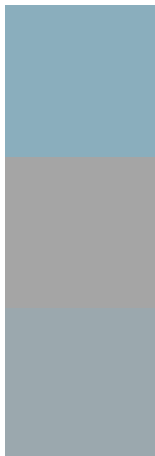
Original Color
69, 14.540, 233.307

Protanomaly
69, 9.979, 261.213

Deuteranomaly
69, 12.349, 278.175

Tritanomaly
69, 14.284, 231.334

Monochromacy



Original Color
69, 14.540, 233.307

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 5.723, 234.490

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 14.540, 233.307 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(138, 174, 189)` looks like.

```
.text, #text, p{  
    color:rgb(138, 174, 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(138, 174, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 174, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 14.540, 233.307 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(138, 174, 189) }
```

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

```
.border{ border-color:rgb(138, 174, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 174, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 174, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 174, 189);  
box-shadow:4px 4px 4px 4px rgb(138, 174,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 14.540, 233.307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 174, 189) }
```

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

```
.background{ background-color: rgb(138,  
174, 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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