

Converting Colors

CIELCh(69, 14.419, 242.973)

Have a look what the booklet for
CIELCh(69, 14.419, 242.973)
contains.

CIELCh(69, 14.465, 242.116)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(69, 14.465, 242.116)

Conversions

Conversions Part 1

Format	Color
Hex	8DADBF
RGB	141, 173, 191
RGB Percent	55%, 68%, 75%
CMY	0.4468, 0.3213, 0.2507
CMYK	0.26, 0.09, 0.00, 0.25
HSL	202°, 28%, 65%
HSV	202°, 26%, 75%
XYZ	35.3622, 39.3444, 55.0582
YIQ	165.4840, -24.8500, -1.1860

Conversions

Conversions Part 2

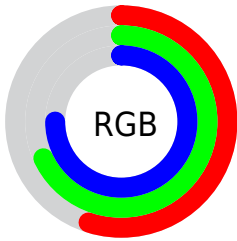
Format	Color
R _Y B	141, 161, 191
Decimal	9285055
CIE Lab	69.00, -6.77, -12.79
CIE LCh	69, 14.465, 242.116
Yxy	39.3444, 0.2725, 0.3032
Android (android.graphics.Color)	4287475135 (0xFF8DADBF)
YUV	165.4840, 12.5794, -21.4725
Hunter-Lab	62.7251, -9.1370, -8.1354

Details

The CIELCh color $69, 14.465, 242.116$ is a light color, and the websafe version is hex 669999 . A complement of this color would be $68, 16.510, 56.734$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $89, 14.507, 242.130$, and $49, 14.670, 241.726$ is the 20% darker color. If you saturate the color by 10%, you get $66, 19.526, 243.806$, and if you desaturate by 10%, it is $72, 9.118, 240.749$.

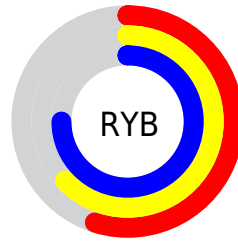
Distribution



Red (55%)

Green (68%)

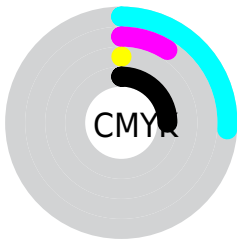
Blue (75%)



Red (55%)

Yellow (63%)

Blue (75%)

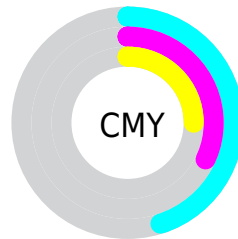


Cyan (26%)

Magenta (9%)

Yellow (0%)

Black (25%)



Cyan (45%)


Magenta (32%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 14.465, 242.116 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, 14.465, 242.116 by changing the saturation by 10% instead.


 69, 14.465,
242.116


 69, 14.465,
242.116


 100, 14.465,
242.116


 59, 14.465,
242.116


 89, 14.465,
242.116

 49, 14.465,
242.116

 99, 14.465,
242.116

 39, 14.465,
242.116

 29, 14.465,
242.116

 19, 14.465,
242.116

 9, 14.465, 242.116

 0, 14.465, 242.116

69, 14.465,
242.116

69, 14.465,
242.116

66, 19.526,
243.806

72, 9.118, 240.749

63, 24.251,
245.903

75, 3.540, 239.708

79, 2.220, 58.461

60, 28.600,
248.483

82, 8.116, 57.863

57, 32.560,
251.624

85, 14.112, 57.271

89, 19.950, 57.237

55, 36.156,
255.386

90, 20.436, 69.242

52, 39.469,
259.776

92, 21.771, 80.176

94, 23.801, 89.484

50, 42.641,
264.698

49, 43.891,

266.569

Harmonies

Complementary

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



69, 14.465, 242.116



68, 16.510, 56.734

Rectangle

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



69, 14.465, 242.116



69, 14.465, 292.116



69, 14.465, 62.116



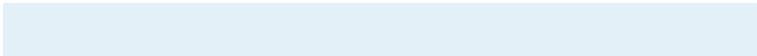
69, 14.465, 112.116

Sweetspot

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



69, 14.464, 242.111



94, 5.642, 239.879



73, 25.667, 154.266



50, 4.032, 240.026



99, 0.012, 296.813



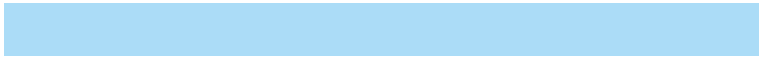
52, 0.007, 296.813

Same Dimension

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



69, 14.464, 242.111



85, 20.878, 242.967



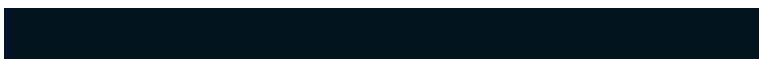
62, 23.903, 286.676



38, 3.202, 239.996



41, 37.782, 265.766



5, 10.097, 253.795

Inverse Universe

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



64, 25.849, 338.808



78, 37.764, 339.271



74, 22.980, 100.362



37, 5.488, 337.451



34, 62.487, 349.197



3, 15.314, 343.302

Previews

White Background



This preview shows how the CIELCh color 69, 14.465, 242.116 looks on a white background.

Color Contrast Check

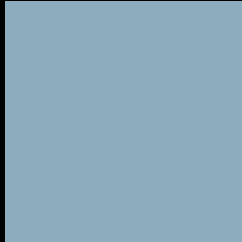
Large Text (above 18pt) WCAG AA × Fail

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 69, 14.465, 242.116 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

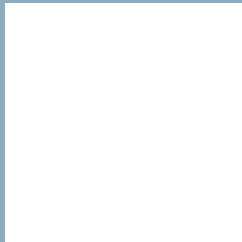
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 14.465, 242.116

Background



This preview shows how black text looks on a background with the CIELCh color 69, 14.465, 242.116.



This preview shows how white text looks on a background with the CIELCh color 69, 14.465, 242.116.

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, 14.465, 242.116

Protanopia
69, 11.005, 287.555

Deuteranopia
69, 16.266, 301.851



Tritanopia
69, 13.754, 232.799

Trichromacy



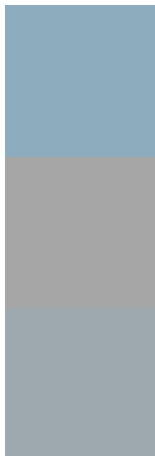
Original Color
69, 14.465, 242.116

Protanomaly
69, 11.292, 267.266

Deuteranomaly
69, 13.859, 282.808

Tritanomaly
69, 14.023, 234.812

Monochromacy



Original Color
69, 14.465, 242.116

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 5.430, 236.686

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 14.465, 242.116 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(141, 173, 191)` looks like.

```
.text, #text, p{  
    color:rgb(141, 173, 191)  
}
```

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(141, 173, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 173, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 14.465, 242.116 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(141, 173, 191) }
```

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

```
.border{ border-color:rgb(141, 173, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 173, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 173, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 173, 191);  
box-shadow:4px 4px 4px 4px rgb(141, 173,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 14.465, 242.116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 173, 191) }
```

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

```
.background{ background-color: rgb(141,  
173, 191) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor