

Converting Colors

CIELCh(69, 14.640, 219.575)

Have a look what the booklet for
CIELCh(69, 14.640, 219.575)
contains.

CIELCh(69, 14.595, 220.645)	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, 14.595, 220.645)

Conversions

Conversions Part 1

Format	Color
Hex	87AFB9
RGB	135, 175, 185
RGB Percent	53%, 69%, 73%
CMY	0.4703, 0.3135, 0.2743
CMYK	0.27, 0.05, 0.00, 0.27
HSL	192°, 26%, 63%
HSV	192°, 27%, 73%
XYZ	34.1062, 39.3444, 51.7288
YIQ	164.1800, -27.0500, -5.3700

Conversions

Conversions Part 2

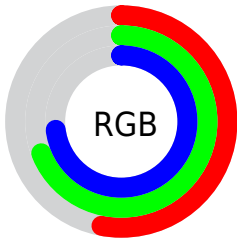
Format	Color
RYB	135, 157, 185
Decimal	8892345
CIELab	69.00, -11.07, -9.51
CIELCh	69, 14.595, 220.645
Yxy	39.3444, 0.2725, 0.3143
Android (android.graphics.Color)	4287082425 (0xFF87AFB9)
YUV	164.1800, 10.2643, -25.5909
Hunter-Lab	62.7251, -12.7112, -4.9883

Details

The CIELCh color **69, 14.595, 220.645** is a light color, and the websafe version is hex **669999**. A complement of this color would be **64, 17.516, 39.183**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 14.746, 219.367**, and **49, 14.529, 219.581** is the 20% darker color. If you saturate the color by 10%, you get **67, 19.252, 221.413**, and if you desaturate by 10%, it is **71, 9.489, 220.098**.

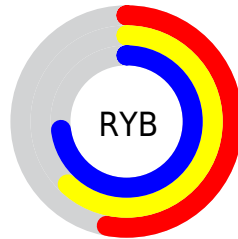
Distribution



Red (53%)

Green (69%)

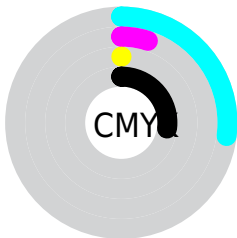
Blue (73%)



Red (53%)

Yellow (62%)

Blue (73%)

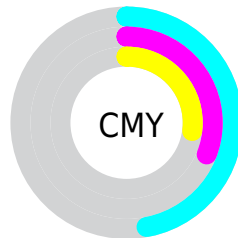


Cyan (27%)

Magenta (5%)

Yellow (0%)

Black (27%)



Cyan (47%)

Magenta (31%)

Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 14.595, 220.645 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, 14.595, 220.645 by changing the saturation by 10% instead.

 69, 14.595,
220.645

 69, 14.595,
220.645

 100, 14.595,
220.645


 59, 14.595,
220.645


 89, 14.595,
220.645

 49, 14.595,
220.645

 99, 14.595,
220.645

 39, 14.595,
220.645

 29, 14.595,
220.645

 19, 14.595,
220.645

 9, 14.595, 220.645

 0, 14.595, 220.645

69, 14.595,
220.645

69, 14.595,
220.645

67, 19.252,
221.413

71, 9.489, 220.098

65, 23.375,
222.467

74, 4.017, 219.785

76, 1.741, 39.113

63, 26.884,
223.870

78, 7.720, 39.196

61, 29.720,
225.698

81, 13.862, 39.162

84, 20.120, 39.171

60, 31.862,
228.033

85, 22.813, 42.029

58, 33.341,
230.951

86, 22.314, 47.712

87, 22.049, 53.592

57, 34.277,
234.475

57, 34.532,

235.563

Harmonies

Complementary

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



69, 14.595, 220.645



64, 17.516, 39.183

Rectangle

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



69, 14.595, 220.645



69, 14.595, 270.645



69, 14.595, 40.645



69, 14.595, 90.645

Sweetspot

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



69, 14.595, 220.640



92, 5.636, 219.804



71, 29.263, 147.991



49, 3.988, 219.838



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



69, 14.595, 220.640



86, 20.907, 221.034



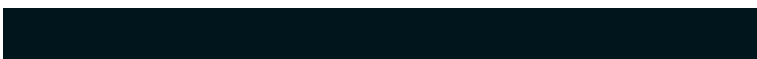
62, 19.722, 276.428



38, 3.204, 219.830



48, 30.334, 234.987



6, 8.540, 229.328

Inverse Universe

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



62, 29.034, 332.234



76, 42.363, 332.605



70, 19.734, 89.033



36, 6.014, 331.072



35, 68.546, 337.995



3, 15.388, 333.908

Previews

White Background



This preview shows how the CIELCh color 69, 14.595, 220.645 looks on a white background.

Color Contrast Check

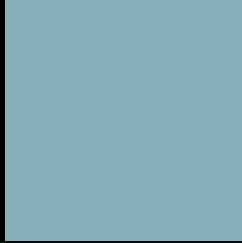
Large Text (above 18pt) WCAG AA × Fail

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, 14.595, 220.645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

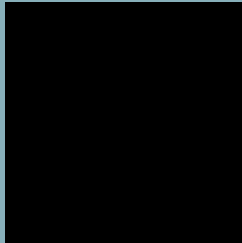
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 14.595, 220.645

Background



This preview shows how black text looks on a background with the CIELCh color 69, 14.595, 220.645.




This preview shows how white text looks on a background with the CIELCh color 69, 14.595, 220.645.

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
69, 14.858, 227.364

Trichromacy



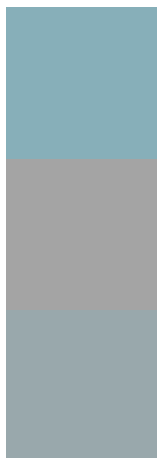
Original Color
69, 14.595, 220.645

Protanomaly
69, 8.395, 251.094

Deuteranomaly
69, 10.692, 277.737

Tritanomaly
69, 14.655, 225.342

Monochromacy



Original Color
69, 14.595, 220.645

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 5.869, 221.163

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 14.595, 220.645 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(135, 175, 185)` looks like.

```
.text, #text, p{  
    color:rgb(135, 175, 185)  
}
```

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(135, 175, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 175, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 14.595, 220.645 is called "border". The border property can be set on classes, ids or directly on the HTML element.

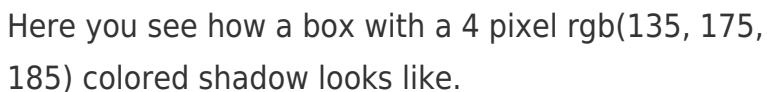
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 175, 185) }
```

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

```
.border{ border-color:rgb(135, 175, 185) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 175, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 175, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 175, 185); box-shadow:4px 4px 4px 4px rgb(135, 175, 185) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 14.595, 220.645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 175, 185) }
```

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

```
.background{ background-color: rgb(135,  
175, 185) }
```

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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