

Converting Colors

CIELCh(69, 30.339, 154.662)

Have a look what the booklet for
CIELCh(69, 30.339, 154.662)
contains.

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Color

CIELCh(69, 29.974, 154.598)

Conversions

Conversions Part 1

Format	Color
Hex	7AB590
RGB	122, 181, 144
RGB Percent	48%, 71%, 56%
CMY	0.5205, 0.2891, 0.4342
CMYK	0.33, 0.00, 0.20, 0.29
HSL	142°, 29%, 60%
HSV	142°, 33%, 71%
XYZ	29.7024, 39.3444, 32.5241
YIQ	159.1410, -23.2870, -24.0150

Conversions

Conversions Part 2

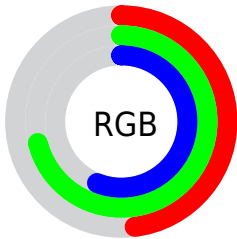
Format	Color
RYB	122, 165, 181
Decimal	8041872
CIELab	69.00, -27.08, 12.86
CIELCh	69, 29.974, 154.598
Yxy	39.3444, 0.2924, 0.3874
Android (android.graphics.Color)	4286231952 (0xFF7AB590)
YUV	159.1410, -7.4645, -32.5727
Hunter-Lab	62.7251, -25.2432, 13.1647

Details

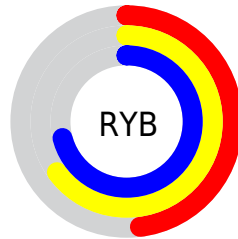
The CIELCh color **69, 29.974, 154.598** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **58, 30.542, 339.968**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 29.828, 154.724**, and **49, 29.819, 154.720** is the 20% darker color. If you saturate the color by 10%, you get **68, 38.850, 153.468**, and if you desaturate by 10%, it is **70, 20.841, 155.588**.

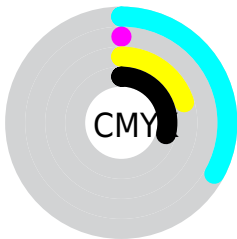
Distribution



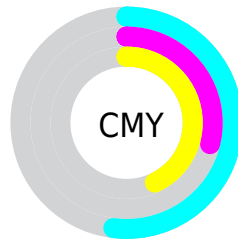
- Red (48%)
- Green (71%)
- Blue (56%)



- Red (48%)
- Yellow (65%)
- Blue (71%)



- Cyan (33%)
- Magenta (0%)
- Yellow (20%)
- Black (29%)




- Cyan (52%)
- Magenta (29%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 29.974, 154.598 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, 29.974, 154.598 by changing the saturation by 10% instead.

 69, 29.974,
154.598


 69, 29.974,
154.598


 100, 29.974,
154.598


 59, 29.974,
154.598


 89, 29.974,
154.598

 49, 29.974,
154.598

 99, 29.974,
154.598

 39, 29.974,
154.598

 29, 29.974,
154.598

 19, 29.974,
154.598

 9, 29.974, 154.598

 0, 29.974, 154.598

69, 29.974,
154.598

69, 29.974,
154.598

68, 38.850,
153.468

70, 20.841,
155.588

67, 47.306,
152.177

72, 11.590,
156.467

66, 55.180,
150.704

73, 2.341, 157.347

66, 62.324,
149.035

75, 6.812, 337.835

77, 15.801,
338.475

65, 68.625,
147.173

79, 24.577,
339.035

65, 74.030,
145.147

81, 33.109,
339.541

65, 77.570,
143.637

82, 38.434,
335.049

■ 82, 42.747,
329.410

Harmonies

Complementary

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



69, 29.974, 154.598



58, 30.542, 339.968

Rectangle

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



69, 29.974, 154.598



69, 29.974, 204.598



69, 29.974, 334.598



69, 29.974, 24.598

Sweetspot

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



69, 29.975, 154.597



91, 11.377, 156.665



71, 32.837, 122.582



48, 7.759, 156.550



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



69, 29.975, 154.597



86, 44.040, 153.812



70, 20.928, 185.754



38, 5.279, 156.732



56, 68.852, 143.914



8, 15.588, 153.206

Inverse Universe

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



58, 30.542, 339.968



70, 44.962, 340.641



58, 24.656, 11.995



36, 5.317, 338.025



34, 61.350, 350.189



3, 13.272, 343.445

Previews

White Background



This preview shows how the CIELCh color 69, 29.974, 154.598 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, 29.974, 154.598 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, 29.974, 154.598

Background



This preview shows how black text looks on a background with the CIELCh color 69, 29.974, 154.598.



This preview shows how white text looks on a background with the CIELCh color 69, 29.974, 154.598.

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, 29.974, 154.598

Protanopia
69, 16.892, 94.537

Deuteranopia
69, 14.044, 53.074



Tritanopia
69, 16.149, 227.019

Trichromacy



Original Color
69, 29.974, 154.598

Protanomaly
68, 18.468, 127.122

Deuteranomaly
68, 12.091, 114.554

Tritanomaly
69, 17.324, 190.659

Monochromacy



Original Color
69, 29.974, 154.598

Achromatopsia
65, 0.008, 296.813

Achromatomaly
67, 10.793, 156.835

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 29.974, 154.598 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(122, 181, 144)` looks like.

```
.text, #text, p{  
    color:rgb(122, 181, 144)  
}
```

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(122, 181, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 181, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 29.974, 154.598 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(122, 181, 144) }
```

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

```
.border{ border-color:rgb(122, 181, 144) }
```

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

Here you see how a box with a 4 pixel rgb(122, 181, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 181, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 181, 144);  
box-shadow:4px 4px 4px 4px rgb(122, 181,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 29.974, 154.598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 181, 144) }
```

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

```
.background{ background-color: rgb(122,  
181, 144) }
```

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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