

Converting Colors

CIELCh(70, 31.852, 146.493)

Have a look what the booklet for
CIELCh(70, 31.852, 146.493)
contains.

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Color

CIELCh(70, 32.216, 146.201)

Conversions

Conversions Part 1

Format	Color
Hex	83B88A
RGB	131, 184, 138
RGB Percent	51%, 72%, 54%
CMY	0.4877, 0.2799, 0.4602
CMYK	0.29, 0.00, 0.25, 0.28
HSL	128°, 27%, 62%
HSV	128°, 29%, 72%
XYZ	30.9310, 40.7494, 30.1474
YIQ	162.9090, -16.8220, -25.5420

Conversions

Conversions Part 2

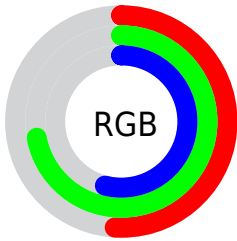
Format	Color
RYB	131, 178, 184
Decimal	8632458
CIELab	70.00, -26.77, 17.92
CIElCh	70, 32.216, 146.201
Yxy	40.7494, 0.3038, 0.4002
Android (android.graphics.Color)	4286822538 (0xFF83B88A)
YUV	162.9090, -12.2801, -27.9842
Hunter-Lab	63.8353, -25.2205, 16.6839

Details

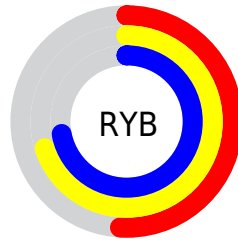
The CIELCh color **70, 32.216, 146.201** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **61, 32.279, 329.980**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 31.929, 146.525**, and **50, 32.279, 146.103** is the 20% darker color. If you saturate the color by 10%, you get **69, 43.175, 145.239**, and if you desaturate by 10%, it is **71, 21.045, 147.032**.

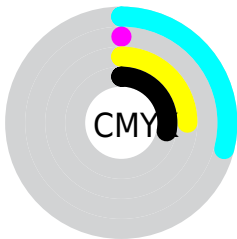
Distribution



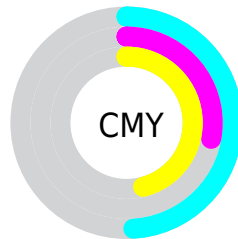
- Red (51%)
- Green (72%)
- Blue (54%)



- Red (51%)
- Yellow (70%)
- Blue (72%)



- Cyan (29%)
- Magenta (0%)
- Yellow (25%)
- Black (28%)





- Cyan (49%)
- Magenta (28%)
- Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 32.216, 146.201 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 70, 32.216, 146.201 by changing the saturation by 10% instead.


 70, 32.216,
146.201


 70, 32.216,
146.201


 100, 32.216,
146.201


 60, 32.216,
146.201


 90, 32.216,
146.201

 50, 32.216,
146.201

 40, 32.216,
146.201

 30, 32.216,
146.201

 20, 32.216,
146.201

 10, 32.216,
146.201

 0, 32.216, 146.201

70, 32.216,
146.201

70, 32.216,
146.201

69, 43.175,
145.239

71, 21.045,
147.032

68, 53.696,
144.135

73, 9.836, 147.756

67, 63.523,
142.888

75, 1.270, 328.122

66, 72.370,
141.520

77, 12.175,
328.837

66, 79.943,
140.083

79, 22.811,
329.298

65, 85.956,
138.671

81, 33.135,
329.693

65, 90.235,
137.452

83, 42.329,
328.330

65, 90.630,

83, 44.717,
325.973

Harmonies

Complementary

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



70, 32.216, 146.201



61, 32.279, 329.980

Rectangle

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



70, 32.216, 146.201



70, 32.216, 196.201



70, 32.216, 326.201



70, 32.216, 16.201

Sweetspot

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



70, 32.217, 146.201



93, 12.416, 147.736



73, 28.440, 112.495



49, 8.631, 147.636



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



70, 32.217, 146.201



88, 48.397, 145.569



71, 22.255, 167.671



38, 6.294, 147.723



56, 79.847, 137.517



8, 17.676, 147.174

Inverse Universe

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



61, 32.279, 329.980



75, 48.441, 330.392



60, 23.646, 353.414



36, 6.309, 328.790



36, 72.127, 334.215



3, 16.445, 330.479

Previews

White Background



This preview shows how the CIELCh color 70, 32.216, 146.201 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 70, 32.216, 146.201 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 70, 32.216, 146.201

Background



This preview shows how black text looks on a background with the CIELCh color 70, 32.216, 146.201.

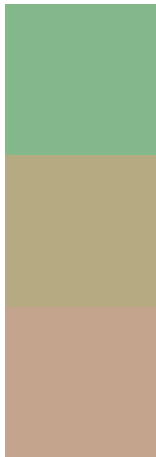


This preview shows how white text looks on a background with the CIELCh color 70, 32.216, 146.201.

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](#).

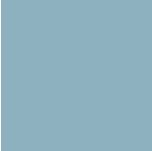
Dichromacy



Original Color
70, 32.216, 146.201

Protanopia
70, 21.784, 94.868

Deuteranopia
70, 18.216, 61.089



Tritanopia
70, 14.259, 231.290

Trichromacy



Original Color
70, 32.216, 146.201

Protanomaly
70, 23.272, 119.861

Deuteranomaly
69, 16.888, 105.722

Tritanomaly
70, 15.551, 183.808

Monochromacy



Original Color
70, 32.216, 146.201

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 12.125, 148.127

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 32.216, 146.201 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(131, 184, 138)` looks like.

```
.text, #text, p{  
    color:rgb(131, 184, 138)  
}
```

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(131, 184, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 184, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 32.216, 146.201 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(131, 184, 138) }
```

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

```
.border{ border-color:rgb(131, 184, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 184, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 184, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 184, 138);  
box-shadow:4px 4px 4px 4px rgb(131, 184,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 32.216, 146.201 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 184, 138) }
```

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

```
.background{ background-color: rgb(131,  
184, 138) }
```

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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