

Converting Colors

CIELCh(68, 30.475, 142.730)

Have a look what the booklet for
CIELCh(68, 30.475, 142.730)
contains.

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Color

CIELCh(68, 30.209, 142.760)

Conversions

Conversions Part 1

Format	Color
Hex	84B184
RGB	132, 177, 132
RGB Percent	52%, 69%, 52%
CMY	0.4827, 0.3062, 0.4827
CMYK	0.25, 0.00, 0.25, 0.31
HSL	120°, 22%, 61%
HSV	120°, 25%, 69%
XYZ	29.3666, 37.9720, 27.5816
YIQ	158.4150, -12.3750, -23.5350

Conversions

Conversions Part 2

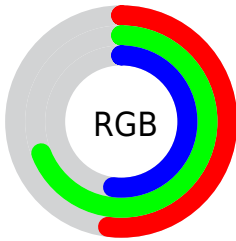
Format	Color
RYB	132, 177, 177
Decimal	8696196
CIELab	68.00, -24.05, 18.28
CIElCh	68, 30.209, 142.760
Yxy	37.9720, 0.3094, 0.4000
Android (android.graphics.Color)	4286886276 (0xFF84B184)
YUV	158.4150, -13.0226, -23.1660
Hunter-Lab	61.6215, -22.7709, 16.5969

Details

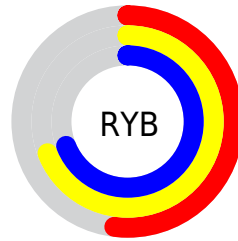
The CIELCh color $68, 30.209, 142.760$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $61, 30.220, 325.805$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 30.393, 142.594$, and $48, 30.255, 142.665$ is the 20% darker color. If you saturate the color by 10%, you get $67, 41.940, 141.891$, and if you desaturate by 10%, it is $70, 18.300, 143.513$.

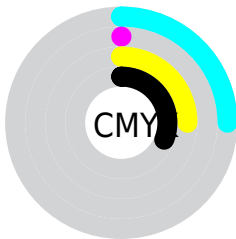
Distribution



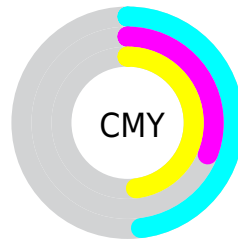
- Red (52%)
- Green (69%)
- Blue (52%)



- Red (52%)
- Yellow (69%)
- Blue (69%)



- Cyan (25%)
- Magenta (0%)
- Yellow (25%)
- Black (31%)





- Cyan (48%)
- Magenta (31%)
- Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 30.209, 142.760 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 68, 30.209, 142.760 by changing the saturation by 10% instead.


 68, 30.209,
142.760


 68, 30.209,
142.760


 100, 30.209,
142.760


 58, 30.209,
142.760


 88, 30.209,
142.760

 48, 30.209,
142.760

 98, 30.209,
142.760

 38, 30.209,
142.760

 28, 30.209,
142.760

 18, 30.209,
142.760

 8, 30.209, 142.760

 0, 30.209, 142.760

■ 68, 30.209,
142.760

■ 68, 30.209,
142.760

■ 67, 41.940,
141.891

■ 70, 18.300,
143.513

■ 66, 53.232,
140.905

■ 71, 6.401, 144.174

■ 73, 5.342, 324.634

■ 65, 63.762,
139.821

■ 75, 16.834,
325.121

■ 64, 73.138,
138.696

■ 77, 28.013,
325.514

■ 63, 80.903,
137.628

■ 79, 38.842,
325.845

■ 63, 86.599,
136.755

■ 82, 48.868,
326.113

■ 63, 89.937,
136.205

■ 63, 91.046,

Harmonies

Complementary

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



68, 30.209, 142.760



61, 30.220, 325.805

Rectangle

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



68, 30.209, 142.760



68, 30.209, 192.760



68, 30.209, 322.760



68, 30.209, 12.760

Sweetspot

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



68, 30.210, 142.760



89, 11.669, 144.000



71, 24.261, 107.749



47, 8.293, 143.904



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



68, 30.210, 142.760



85, 45.430, 142.245



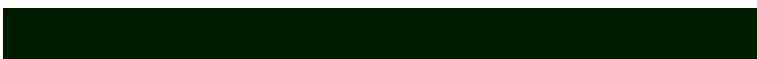
69, 20.870, 161.388



37, 6.740, 143.923



55, 81.802, 136.016



6, 16.259, 144.444

Inverse Universe

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



61, 30.220, 325.805



74, 45.415, 326.125



60, 21.532, 345.916



35, 6.750, 324.926



36, 78.924, 328.234



3, 16.261, 324.441

Previews

White Background



This preview shows how the CIELCh color 68, 30.209, 142.760 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 68, 30.209, 142.760 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 68, 30.209, 142.760

Background



This preview shows how black text looks on a background with the CIELCh color 68, 30.209, 142.760.



This preview shows how white text looks on a background with the CIELCh color 68, 30.209, 142.760.

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
68, 30.209, 142.760

Protanopia
68, 21.807, 95.848

Deuteranopia
68, 18.426, 63.033



Tritanopia
68, 12.485, 237.111

Trichromacy



Original Color
68, 30.209, 142.760

Protanomaly
68, 22.644, 117.164

Deuteranomaly
68, 17.033, 102.934

Tritanomaly
68, 13.564, 179.271

Monochromacy



Original Color
68, 30.209, 142.760

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 10.827, 143.901

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 30.209, 142.760 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(132, 177, 132)` looks like.

```
.text, #text, p{  
    color:rgb(132, 177, 132)  
}
```

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(132, 177, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 177, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 30.209, 142.760 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(132, 177, 132) }
```

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

```
.border{ border-color:rgb(132, 177, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 177, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 177, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 177, 132);  
box-shadow:4px 4px 4px 4px rgb(132, 177,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 30.209, 142.760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 177, 132) }
```

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

```
.background{ background-color: rgb(132,  
177, 132) }
```

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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