

Converting Colors

CIELCh(68, 27.827, 147.980)

Have a look what the booklet for
CIELCh(68, 27.827, 147.980)
contains.

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Color

CIELCh(68, 28.004, 147.610)

Conversions

Conversions Part 1

Format	Color
Hex	82B18A
RGB	130, 177, 138
RGB Percent	51%, 69%, 54%
CMY	0.4906, 0.3063, 0.4592
CMYK	0.27, 0.00, 0.22, 0.31
HSL	130°, 23%, 60%
HSV	130°, 27%, 69%
XYZ	29.4716, 37.9720, 29.7824
YIQ	158.5010, -15.4930, -22.0930

Conversions

Conversions Part 2

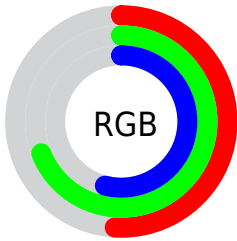
Format	Color
RYB	130, 170, 177
Decimal	8565130
CIELab	68.00, -23.65, 15.00
CIELCh	68, 28.004, 147.610
Yxy	37.9720, 0.3031, 0.3906
Android (android.graphics.Color)	4286755210 (0xFF82B18A)
YUV	158.5010, -10.1070, -24.9954
Hunter-Lab	61.6215, -22.4667, 14.4795

Details

The CIELCh color $68, 28.004, 147.610$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $60, 28.095, 331.131$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 27.869, 147.819$, and $48, 27.920, 147.781$ is the 20% darker color. If you saturate the color by 10%, you get $67, 38.413, 146.668$, and if you desaturate by 10%, it is $69, 17.441, 148.425$.

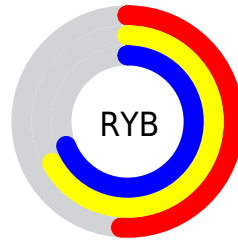
Distribution



Red (51%)

Green (69%)

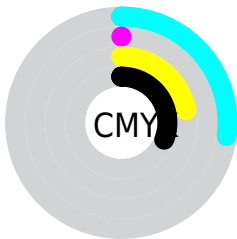
Blue (54%)



Red (51%)

Yellow (67%)

Blue (69%)

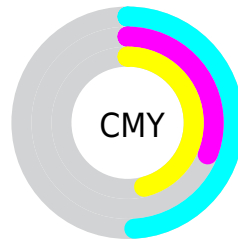


Cyan (27%)

Magenta (0%)

Yellow (22%)

Black (31%)



Cyan (49%)


Magenta (31%)


Yellow (46%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 28.004, 147.610 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, 28.004, 147.610 by changing the saturation by 10% instead.

 68, 28.004,
147.610

 68, 28.004,
147.610

 100, 28.004,
147.610


 58, 28.004,
147.610


 88, 28.004,
147.610

 48, 28.004,
147.610

 98, 28.004,
147.610

 38, 28.004,
147.610

 28, 28.004,
147.610

 18, 28.004,
147.610

 8, 28.004, 147.610

 0, 28.004, 147.610

■ 68, 28.004,
147.610

■ 68, 28.004,
147.610

■ 67, 38.413,
146.668

■ 69, 17.441,
148.425

■ 66, 48.471,
145.582

■ 71, 6.875, 149.146

■ 65, 57.958,
144.344

■ 73, 3.575, 329.630

■ 64, 66.630,
142.960

■ 75, 13.822,
330.206

■ 64, 74.240,
141.462

■ 77, 23.809,
330.666

■ 63, 80.551,
139.915

■ 79, 33.500,
331.065

■ 63, 85.378,
138.437

■ 81, 42.878,
331.414

■ 63, 86.734,

■ 82, 48.880,
326.114

Harmonies

Complementary

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



68, 28.004, 147.610



60, 28.095, 331.131

Rectangle

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



68, 28.004, 147.610



68, 28.004, 197.610



68, 28.004, 327.610



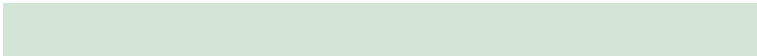
68, 28.004, 17.610

Sweetspot

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



68, 28.005, 147.610



89, 10.361, 149.036



70, 25.550, 114.801



47, 7.363, 148.932



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, 28.005, 147.610



85, 41.623, 147.063



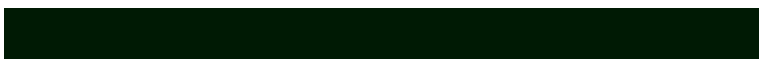
69, 19.220, 171.146



37, 5.984, 148.952



55, 77.602, 138.202



7, 14.845, 148.250

Inverse Universe

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



60, 28.095, 331.131



73, 41.740, 331.516



59, 20.571, 356.454



35, 6.000, 330.041



35, 69.244, 336.258



2, 13.703, 332.098

Previews

White Background



This preview shows how the CIELCh color 68, 28.004, 147.610 looks on a white background.

Color Contrast Check

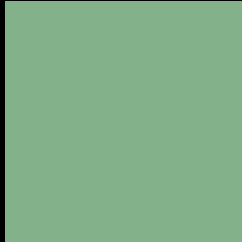
Large Text (above 18pt) WCAG AA × Fail

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 68, 28.004, 147.610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

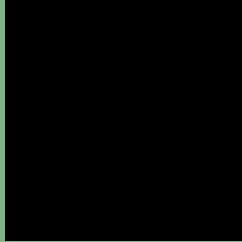
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 28.004, 147.610

Background



This preview shows how black text looks on a background with the CIELCh color 68, 28.004, 147.610.



This preview shows how white text looks on a background with the CIELCh color 68, 28.004, 147.610.

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, 28.004, 147.610

Protanopia
68, 18.525, 95.484

Deuteranopia
68, 15.479, 57.036



Tritanopia
68, 13.256, 231.506

Trichromacy



Original Color
68, 28.004, 147.610

Protanomaly
68, 19.541, 120.061

Deuteranomaly
68, 13.714, 105.401

Tritanomaly
68, 14.147, 184.664

Monochromacy



Original Color
68, 28.004, 147.610

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 10.171, 149.094

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 28.004, 147.610 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(130, 177, 138)` looks like.

```
.text, #text, p{  
    color:rgb(130, 177, 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(130, 177, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 177, 138) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 28.004, 147.610 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(130, 177, 138) }
```

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

```
.border{ border-color:rgb(130, 177, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 177, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 177, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 177, 138);  
box-shadow:4px 4px 4px 4px rgb(130, 177,  
138) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 28.004, 147.610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 177, 138) }
```

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

```
.background{ background-color: rgb(130,  
177, 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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