

Converting Colors

CIELCh(68, 17.525, 140.591)

Have a look what the booklet for
CIELCh(68, 17.525, 140.591)
contains.

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Color

CIELCh(68, 17.545, 140.586)

Conversions

Conversions Part 1

Format	Color
Hex	94AC91
RGB	148, 172, 145
RGB Percent	58%, 67%, 57%
CMY	0.4186, 0.3245, 0.4304
CMYK	0.14, 0.00, 0.16, 0.32
HSL	113°, 14%, 62%
HSV	113°, 16%, 68%
XYZ	32.1877, 37.9720, 32.5197
YIQ	161.7460, -5.6370, -13.4850

Conversions

Conversions Part 2

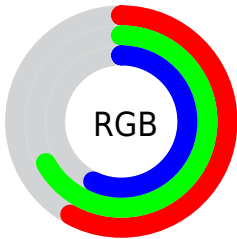
Format	Color
RYB	145, 172, 169
Decimal	9743505
CIELab	68.00, -13.55, 11.14
CIELCh	68, 17.545, 140.586
Yxy	37.9720, 0.3135, 0.3698
Android (android.graphics.Color)	4287933585 (0xFF94AC91)
YUV	161.7460, -8.2558, -12.0552
Hunter-Lab	61.6215, -14.5990, 11.8457

Details

The CIELCh color $68, 17.545, 140.586$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $63, 17.624, 322.130$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 17.273, 140.879$, and $48, 17.545, 141.139$ is the 20% darker color. If you saturate the color by 10%, you get $67, 28.793, 139.951$, and if you desaturate by 10%, it is $70, 6.318, 141.156$.

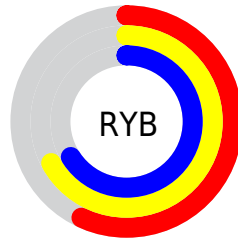
Distribution



Red (58%)

Green (67%)

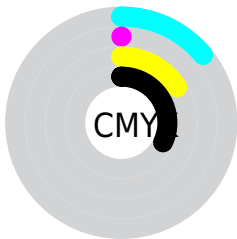
Blue (57%)



Red (57%)

Yellow (67%)

Blue (66%)

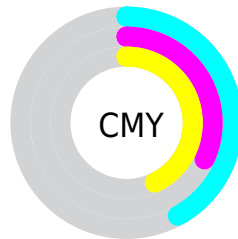


Cyan (14%)

Magenta (0%)

Yellow (16%)

Black (32%)



Cyan (42%)


Magenta (32%)

Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 17.545, 140.586 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, 17.545, 140.586 by changing the saturation by 10% instead.

 68, 17.545,
140.586


 68, 17.545,
140.586

 100, 17.545,
140.586


 58, 17.545,
140.586


 88, 17.545,
140.586

 48, 17.545,
140.586

 98, 17.545,
140.586

 38, 17.545,
140.586

 28, 17.545,
140.586

 18, 17.545,
140.586

 8, 17.545, 140.586

 0, 17.545, 140.586

■ 68, 17.545,
140.586

■ 68, 17.545,
140.586

■ 67, 28.793,
139.951

■ 70, 6.318, 141.156

■ 65, 39.903,
139.233

■ 71, 4.780, 321.551

■ 64, 50.666,
138.444

■ 73, 15.669,
321.983

■ 63, 60.811,
137.610

■ 75, 26.299,
322.331

■ 63, 69.984,
136.794

■ 77, 36.639,
322.624

■ 62, 77.754,
136.093

■ 79, 46.672,
322.872

■ 62, 83.658,
135.635

■ 81, 51.727,
326.209

■ 62, 87.378,

135.515

 61, 88.574,
135.448

Harmonies

Complementary

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



68, 17.545, 140.586



63, 17.624, 322.130

Rectangle

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



68, 17.545, 140.586



68, 17.545, 190.586



68, 17.545, 320.586



68, 17.545, 10.586

Sweetspot

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



68, 17.547, 140.587



88, 6.892, 141.190



69, 13.081, 103.332



47, 4.699, 141.151



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



68, 17.547, 140.587



86, 26.394, 140.363



68, 13.788, 156.675



36, 6.348, 140.953



54, 80.101, 135.378



6, 13.461, 141.978

Inverse Universe

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



63, 17.624, 322.130



78, 26.527, 322.306



63, 13.939, 339.015



34, 6.371, 321.819



32, 78.558, 324.003



2, 13.189, 320.060

Previews

White Background



This preview shows how the CIELCh color 68, 17.545, 140.586 looks on a white background.

Color Contrast Check

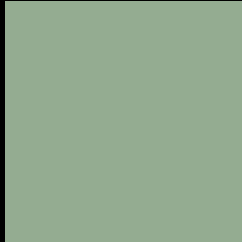
Large Text (above 18pt) WCAG AA × Fail

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, 17.545, 140.586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

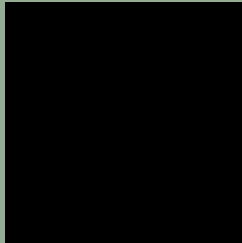
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 17.545, 140.586

Background



This preview shows how black text looks on a background with the CIELCh color 68, 17.545, 140.586.

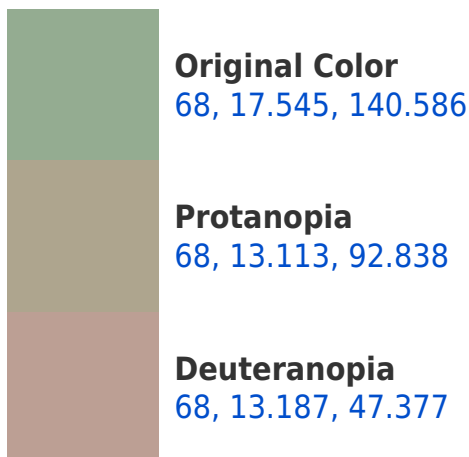


This preview shows how white text looks on a background with the CIELCh color 68, 17.545, 140.586.

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
68, 8.907, 259.467

Trichromacy



Original Color
68, 17.545, 140.586

Protanomaly
68, 13.731, 113.742

Deuteranomaly
68, 10.140, 86.082

Tritanomaly
68, 6.309, 193.916

Monochromacy



Original Color
68, 17.545, 140.586

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 6.526, 141.448

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 17.545, 140.586 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(148, 172, 145)` looks like.

```
.text, #text, p{  
    color:rgb(148, 172, 145)  
}
```

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(148, 172, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 172, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 17.545, 140.586 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(148, 172, 145) }
```

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

```
.border{ border-color:rgb(148, 172, 145) }
```

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

Here you see how a box with a 4 pixel rgb(148, 172, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 172, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 172, 145);  
box-shadow:4px 4px 4px 4px rgb(148, 172,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 17.545, 140.586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 172, 145) }
```

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

```
.background{ background-color: rgb(148,  
172, 145) }
```

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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