

Converting Colors

CIELCh(67, 26.943, 138.520)

Have a look what the booklet for
CIELCh(67, 26.943, 138.520)
contains.

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Color

CIELCh(67, 26.865, 138.529)

Conversions

Conversions Part 1

Format	Color
Hex	89AC82
RGB	137, 172, 130
RGB Percent	54%, 67%, 51%
CMY	0.4612, 0.3239, 0.4887
CMYK	0.20, 0.00, 0.24, 0.32
HSL	110°, 20%, 59%
HSV	110°, 24%, 68%
XYZ	29.2649, 36.6320, 26.7825
YIQ	156.7470, -7.3780, -20.4820

Conversions

Conversions Part 2

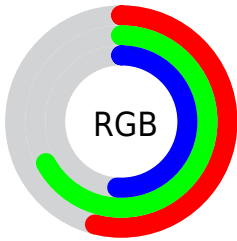
Format	Color
RYB	130, 172, 165
Decimal	9022594
CIELab	67.00, -20.13, 17.79
CIELCh	67, 26.865, 138.529
Yxy	36.6320, 0.3158, 0.3953
Android (android.graphics.Color)	4287212674 (0xFF89AC82)
YUV	156.7470, -13.1863, -17.3181
Hunter-Lab	60.5244, -19.6088, 16.1307

Details

The CIELCh color $67, 26.865, 138.529$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $59, 27.112, 320.886$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 27.198, 138.472$, and $47, 27.437, 138.473$ is the 20% darker color. If you saturate the color by 10%, you get $66, 37.824, 137.884$, and if you desaturate by 10%, it is $68, 15.806, 139.109$.

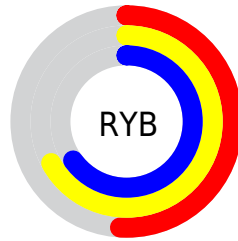
Distribution



Red (54%)

Green (67%)

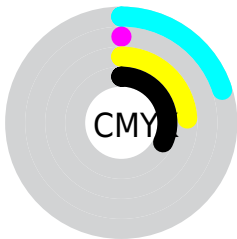
Blue (51%)



Red (51%)

Yellow (67%)

Blue (65%)

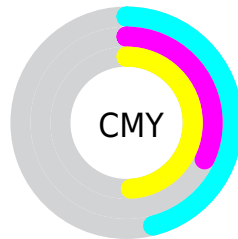


Cyan (20%)

Magenta (0%)

Yellow (24%)

Black (32%)



Cyan (46%)


Magenta (32%)


Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 26.865, 138.529 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 67, 26.865, 138.529 by changing the saturation by 10% instead.


 67, 26.865,
138.529


 67, 26.865,
138.529


 100, 26.865,
138.529


 57, 26.865,
138.529


 87, 26.865,
138.529

 47, 26.865,
138.529

 97, 26.865,
138.529

 37, 26.865,
138.529

 27, 26.865,
138.529

 17, 26.865,
138.529

 7, 26.865, 138.529

 0, 26.865, 138.529

67, 26.865,
138.529

67, 26.865,
138.529

66, 37.824,
137.884

68, 15.806,
139.109

65, 48.495,
137.183

70, 4.779, 139.640

64, 58.633,
136.456

71, 6.119, 320.002

63, 67.913,
135.762

73, 16.818,
320.396

62, 75.923,
135.195

75, 27.275,
320.720

62, 82.202,
134.879

77, 37.463,
320.994


62, 86.373,
134.922

79, 47.367,
321.227

62, 88.068,

81, 51.210,
325.271

134.973

 81, 51.635,
326.206

Harmonies

Complementary

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



67, 26.865, 138.529



59, 27.112, 320.886

Rectangle

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



67, 26.865, 138.529



67, 26.865, 188.529



67, 26.865, 318.529



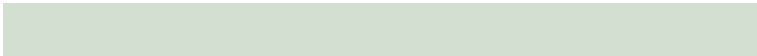
67, 26.865, 8.529

Sweetspot

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



67, 26.867, 138.530



88, 9.499, 139.492



67, 19.048, 98.639



46, 6.167, 139.463



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



67, 26.867, 138.530



84, 39.597, 138.206



67, 22.563, 153.088



36, 6.238, 139.379



54, 79.569, 134.879



6, 13.274, 140.691

Inverse Universe

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



59, 27.112, 320.886



73, 40.020, 321.115



59, 22.800, 336.700



34, 6.268, 320.194



31, 79.055, 321.985



2, 12.908, 317.885

Previews

White Background



This preview shows how the CIELCh color 67, 26.865, 138.529 looks on a white background.

Color Contrast Check

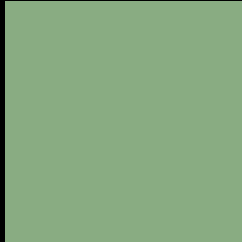
Large Text (above 18pt) WCAG AA × Fail

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 67, 26.865, 138.529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

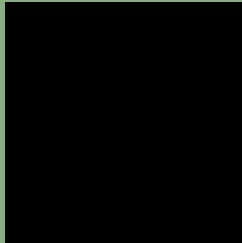
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 26.865, 138.529

Background



This preview shows how black text looks on a background with the CIELCh color 67, 26.865, 138.529.



This preview shows how white text looks on a background with the CIELCh color 67, 26.865, 138.529.

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
67, 26.865, 138.529

Protanopia
67, 20.282, 95.070

Deuteranopia
67, 18.103, 61.846



Tritanopia
67, 10.190, 243.985

Trichromacy



Original Color
67, 26.865, 138.529

Protanomaly
67, 20.924, 114.708

Deuteranomaly
67, 16.267, 96.898

Tritanomaly
67, 10.440, 176.745

Monochromacy



Original Color
67, 26.865, 138.529

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 10.222, 138.751

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 26.865, 138.529 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(137, 172, 130)` looks like.

```
.text, #text, p{  
    color:rgb(137, 172, 130)  
}
```

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(137, 172, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 172, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 26.865, 138.529 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(137, 172, 130) }
```

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

```
.border{ border-color:rgb(137, 172, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 172, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 172, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 172, 130);  
box-shadow:4px 4px 4px 4px rgb(137, 172,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 26.865, 138.529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 172, 130) }
```

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

```
.background{ background-color: rgb(137,  
172, 130) }
```

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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