

Converting Colors

CIELCh(67, 22.458, 155.035)

Have a look what the booklet for
CIELCh(67, 22.458, 155.035)
contains.

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Color

CIELCh(67, 22.512, 154.359)

Conversions

Conversions Part 1

Format	Color
Hex	82AD91
RGB	130, 173, 145
RGB Percent	51%, 68%, 57%
CMY	0.4905, 0.3219, 0.4317
CMYK	0.25, 0.00, 0.16, 0.32
HSL	141°, 21%, 59%
HSV	141°, 25%, 68%
XYZ	29.2219, 36.6320, 32.2823
YIQ	156.9510, -16.6400, -17.8240

Conversions

Conversions Part 2

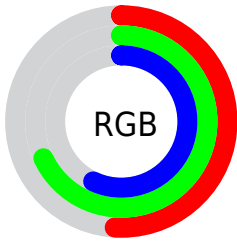
Format	Color
RYB	130, 162, 173
Decimal	8564113
CIELab	67.00, -20.30, 9.74
CIELCh	67, 22.512, 154.359
Yxy	36.6320, 0.2978, 0.3733
Android (android.graphics.Color)	4286754193 (0xFF82AD91)
YUV	156.9510, -5.8918, -23.6360
Hunter-Lab	60.5244, -19.7355, 10.7431

Details

The CIELCh color $67, 22.512, 154.359$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $59, 22.811, 338.171$, and the grayscale version is $65, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 22.629, 154.154$, and $47, 22.142, 155.315$ is the 20% darker color. If you saturate the color by 10%, you get $66, 31.435, 153.356$, and if you desaturate by 10%, it is $68, 13.456, 155.242$.

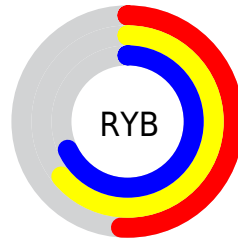
Distribution



Red (51%)

Green (68%)

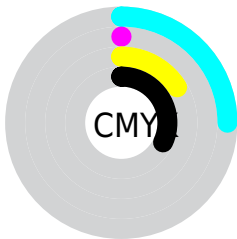
Blue (57%)



Red (51%)

Yellow (64%)

Blue (68%)

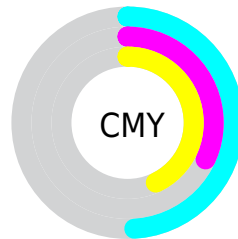


Cyan (25%)

Magenta (0%)

Yellow (16%)

Black (32%)



Cyan (49%)


Magenta (32%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 22.512, 154.359 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, 22.512, 154.359 by changing the saturation by 10% instead.


 67, 22.512,
154.359


 67, 22.512,
154.359


 100, 22.512,
154.359


 57, 22.512,
154.359


 87, 22.512,
154.359

 47, 22.512,
154.359


 97, 22.512,
154.359

 37, 22.512,
154.359

 27, 22.512,
154.359

 17, 22.512,
154.359

 7, 22.512, 154.359

 0, 22.512, 154.359

67, 22.512,
154.359

67, 22.512,
154.359

66, 31.435,
153.356

68, 13.456,
155.242

65, 40.077,
152.209

70, 4.385, 156.060

64, 48.281,
150.897

72, 4.605, 336.600

63, 55.884,
149.401

73, 13.442,
337.254

63, 62.744,
147.714

75, 22.075,
337.809

62, 68.753,
145.846

77, 30.472,
338.308


62, 73.861,
143.839

79, 38.614,
338.761

62, 76.228,

80, 43.473,
334.319

142.852

 81, 47.762,
329.380

Harmonies

Complementary

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



67, 22.512, 154.359



59, 22.811, 338.171

Rectangle

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



67, 22.512, 154.359



67, 22.512, 204.359



67, 22.512, 334.359



67, 22.512, 24.359

Sweetspot

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



67, 22.513, 154.358



88, 7.807, 155.872



69, 24.069, 121.699



46, 5.068, 155.826



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, 22.513, 154.358



84, 33.514, 153.807



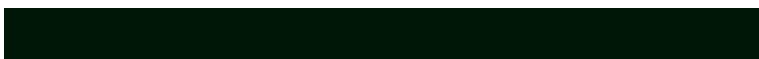
68, 15.974, 183.683



36, 5.125, 155.696



54, 68.413, 143.108



6, 11.333, 153.673

Inverse Universe

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



59, 22.811, 338.171



72, 34.029, 338.647



59, 17.847, 8.364



34, 5.158, 336.950



33, 60.670, 348.202



2, 10.105, 340.711

Previews

White Background



This preview shows how the CIELCh color 67, 22.512, 154.359 looks on a white background.

Color Contrast Check

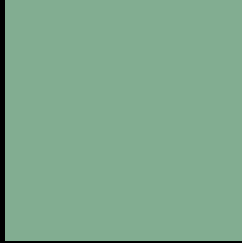
Large Text (above 18pt) WCAG AA × Fail

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 67, 22.512, 154.359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

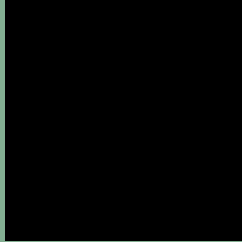
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 22.512, 154.359

Background



This preview shows how black text looks on a background with the CIELCh color 67, 22.512, 154.359.



This preview shows how white text looks on a background with the CIELCh color 67, 22.512, 154.359.

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, 22.512, 154.359

Protanopia
67, 13.159, 92.801

Deuteranopia
67, 11.568, 45.442



Tritanopia
67, 12.743, 233.163

Trichromacy



Original Color
67, 22.512, 154.359

Protanomaly
67, 14.311, 124.772

Deuteranomaly
67, 8.810, 106.684

Tritanomaly
67, 12.970, 193.418

Monochromacy



Original Color
67, 22.512, 154.359

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 8.289, 156.799

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 22.512, 154.359 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, 173, 145)` looks like.

```
.text, #text, p{  
    color:rgb(130, 173, 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(130, 173, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 173, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 22.512, 154.359 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, 173, 145) }
```

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

```
.border{ border-color:rgb(130, 173, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 173, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 173, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 173, 145);  
box-shadow:4px 4px 4px 4px rgb(130, 173,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 22.512, 154.359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 173, 145) }
```

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

```
.background{ background-color: rgb(130,  
173, 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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