

Converting Colors

CIELCh(67, 42.754, 141.841)

Have a look what the booklet for
CIELCh(67, 42.754, 141.841)
contains.

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Color

CIELCh(67, 42.753, 141.840)

Conversions

Conversions Part 1

Format	Color
Hex	72B272
RGB	114, 178, 114
RGB Percent	45%, 70%, 45%
CMY	0.5529, 0.3020, 0.5529
CMYK	0.36, 0.00, 0.36, 0.30
HSL	120°, 29%, 57%
HSV	120°, 36%, 70%
XYZ	25.8962, 36.6320, 21.6247
YIQ	151.5680, -17.6000, -33.4720

Conversions

Conversions Part 2

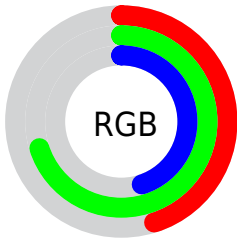
Format	Color
RYB	114, 178, 178
Decimal	7516786
CIELab	67.00, -33.62, 26.42
CIElCh	67, 42.753, 141.840
Yxy	36.6320, 0.3077, 0.4353
Android (android.graphics.Color)	4285706866 (0xFF72B272)
YUV	151.5680, -18.5210, -32.9471
Hunter-Lab	60.5244, -29.5439, 21.1834

Details

The CIELCh color $67, 42.753, 141.840$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $57, 42.710, 326.351$, and the grayscale version is $63, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 42.888, 141.716$, and $47, 42.869, 141.763$ is the 20% darker color. If you saturate the color by 10%, you get $66, 54.070, 140.847$, and if you desaturate by 10%, it is $68, 30.983, 142.716$.

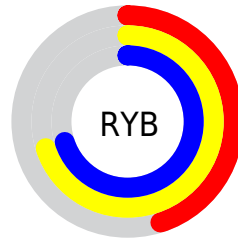
Distribution



Red (45%)

Green (70%)

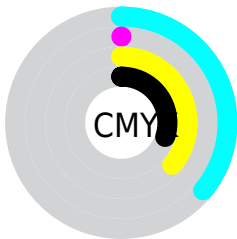
Blue (45%)



Red (45%)

Yellow (70%)

Blue (70%)

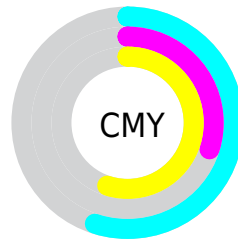


Cyan (36%)

Magenta (0%)

Yellow (36%)

Black (30%)



Cyan (55%)


Magenta (30%)

Yellow (55%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 42.753, 141.840 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, 42.753, 141.840 by changing the saturation by 10% instead.

 67, 42.753,
141.840


 67, 42.753,
141.840


 100, 42.753,
141.840


 57, 42.753,
141.840

 87, 42.753,
141.840

 47, 42.753,
141.840

 97, 42.753,
141.840

 37, 42.753,
141.840

 27, 42.753,
141.840

 17, 42.753,
141.840

 7, 42.753, 141.840

 0, 42.753, 141.840

67, 42.753,
141.840

67, 42.753,
141.840

66, 54.070,
140.847

68, 30.983,
142.716

65, 64.601,
139.760

70, 19.016,
143.475

64, 73.947,
138.634

71, 7.054, 144.140

64, 81.648,
137.572

73, 4.760, 324.602

63, 87.244,
136.715

75, 16.324,
325.098

63, 90.479,
136.183

78, 27.576,
325.495

63, 91.460,
136.016

80, 38.478,
325.829

82, 48.200,
326.091

Harmonies

Complementary

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



67, 42.753, 141.840



57, 42.710, 326.351

Rectangle

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



67, 42.753, 141.840



67, 42.753, 191.840



67, 42.753, 321.840



67, 42.753, 11.840

Sweetspot

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



67, 42.754, 141.840



90, 16.224, 143.800



71, 34.204, 106.755



48, 10.998, 143.711



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



67, 42.754, 141.840



84, 62.951, 141.077



68, 29.391, 160.236



37, 6.740, 143.922



55, 81.803, 136.016



6, 16.259, 144.443

Inverse Universe

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



57, 42.710, 326.351



69, 62.767, 326.730



56, 30.682, 347.081



35, 6.751, 324.925



36, 78.926, 328.233



3, 16.262, 324.440

Previews

White Background



This preview shows how the CIELCh color 67, 42.753, 141.840 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, 42.753, 141.840 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, 42.753, 141.840

Background



This preview shows how black text looks on a background with the CIELCh color 67, 42.753, 141.840.



This preview shows how white text looks on a background with the CIELCh color 67, 42.753, 141.840.

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, 42.753, 141.840

Protanopia
67, 30.080, 95.524

Deuteranopia
67, 25.767, 71.410



Tritanopia
67, 15.991, 225.216

Trichromacy



Original Color
67, 42.753, 141.840

Protanomaly
66, 32.050, 118.133

Deuteranomaly
66, 25.650, 107.458

Tritanomaly
67, 20.284, 173.519

Monochromacy



Original Color
67, 42.753, 141.840

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 15.675, 143.599

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 42.753, 141.840 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(114, 178, 114)` looks like.

```
.text, #text, p{  
    color:rgb(114, 178, 114)  
}
```

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(114, 178, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 178, 114) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 42.753, 141.840 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(114, 178, 114) }
```

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

```
.border{ border-color:rgb(114, 178, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 178, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 178, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 178, 114);  
box-shadow:4px 4px 4px 4px rgb(114, 178,  
114) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 42.753, 141.840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 178, 114) }
```

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

```
.background{ background-color: rgb(114,  
178, 114) }
```

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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