

Converting Colors

CIELCh(65, 48.639, 143.105)

Have a look what the booklet for
CIELCh(65, 48.639, 143.105)
contains.

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Color

CIELCh(65, 48.600, 143.131)

Conversions

Conversions Part 1

Format	Color
Hex	62AF68
RGB	98, 175, 104
RGB Percent	38%, 69%, 41%
CMY	0.6174, 0.3155, 0.5938
CMYK	0.44, 0.00, 0.41, 0.32
HSL	125°, 32%, 53%
HSV	125°, 44%, 68%
XYZ	22.7089, 34.0472, 18.3615
YIQ	143.8830, -23.1010, -38.4050

Conversions

Conversions Part 2

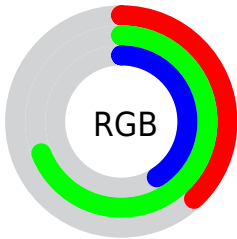
Format	Color
RYB	98, 169, 175
Decimal	6467432
CIELab	65.00, -38.88, 29.16
CIELCh	65, 48.600, 143.131
Yxy	34.0472, 0.3023, 0.4533
Android (android.graphics.Color)	4284657512 (0xFF62AF68)
YUV	143.8830, -19.6623, -40.2394
Hunter-Lab	58.3500, -32.6431, 22.1877

Details

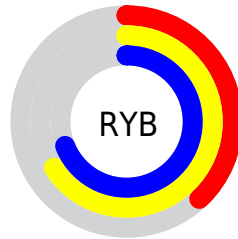
The CIELCh color **65, 48.600, 143.131** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **52, 48.455, 329.101**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **85, 48.612, 143.295**, and **45, 48.940, 142.968** is the 20% darker color. If you saturate the color by 10%, you get **64, 58.716, 141.996**, and if you desaturate by 10%, it is **66, 37.891, 144.137**.

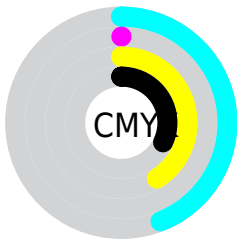
Distribution



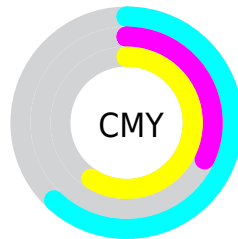
- Red (38%)
- Green (69%)
- Blue (41%)



- Red (38%)
- Yellow (66%)
- Blue (69%)



- Cyan (44%)
- Magenta (0%)
- Yellow (41%)
- Black (32%)





- Cyan (62%)
- Magenta (32%)
- Yellow (59%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 48.600, 143.131 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 65, 48.600, 143.131 by changing the saturation by 10% instead.


 65, 48.600,
143.131


 65, 48.600,
143.131


 100, 48.600,
143.131


 55, 48.600,
143.131


 85, 48.600,
143.131

 45, 48.600,
143.131

 95, 48.600,
143.131

 35, 48.600,
143.131

 25, 48.600,
143.131

 15, 48.600,
143.131

 5, 48.600, 143.131

 0, 48.600, 143.131

■ 65, 48.600,
143.131

■ 65, 48.600,
143.131

■ 64, 58.716,
141.996

■ 66, 37.891,
144.137

■ 63, 67.935,
140.754

■ 67, 26.844,
145.011

■ 63, 75.921,
139.461

■ 69, 15.669,
145.766

■ 62, 82.325,
138.212

■ 71, 4.531, 146.446

■ 62, 86.840,
137.137

■ 72, 6.451, 326.898

■ 62, 88.637,
136.710

■ 74, 17.192,
327.389

■ 76, 27.639,
327.794

■ 79, 37.761,
328.141

■ 81, 47.545,
328.440

Harmonies

Complementary

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



65, 48.600, 143.131



52, 48.455, 329.101

Rectangle

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



65, 48.600, 143.131



65, 48.600, 193.131



65, 48.600, 323.131



65, 48.600, 13.131

Sweetspot

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



65, 48.601, 143.131



87, 17.864, 145.828



69, 40.989, 109.081



46, 12.614, 145.675



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



65, 48.601, 143.131



81, 71.222, 142.018



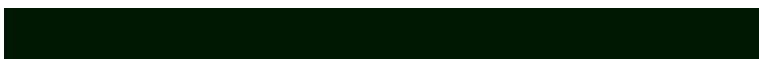
66, 33.202, 162.879



36, 6.235, 146.095



54, 79.227, 136.827



6, 13.262, 146.207

Inverse Universe

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



52, 48.455, 329.101



63, 70.613, 329.620



51, 35.680, 352.251



34, 6.247, 327.123



35, 73.386, 331.560



2, 12.820, 327.659

Previews

White Background



This preview shows how the CIELCh color 65, 48.600, 143.131 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 65, 48.600, 143.131 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 65, 48.600, 143.131

Background



This preview shows how black text looks on a background with the CIELCh color 65, 48.600, 143.131.



This preview shows how white text looks on a background with the CIELCh color 65, 48.600, 143.131.

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
65, 48.600, 143.131

Protanopia
65, 33.369, 96.047

Deuteranopia
65, 28.114, 72.831



Tritanopia
65, 18.704, 220.982

Trichromacy



Original Color
65, 48.600, 143.131



Protanomaly
64, 35.656, 119.446



Deuteranomaly
64, 28.550, 111.328



Tritanomaly
65, 24.072, 174.145

Monochromacy



Original Color
65, 48.600, 143.131



Achromatopsia
59, 0.008, 296.813



Achromatomaly
61, 17.891, 146.335

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 48.600, 143.131 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(98, 175, 104)` looks like.

```
.text, #text, p{  
    color:rgb(98, 175, 104)  
}
```

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(98, 175, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 175, 104) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 48.600, 143.131 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(98, 175, 104) }
```

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

```
.border{ border-color:rgb(98, 175, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 175, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 175, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 175, 104);  
box-shadow:4px 4px 4px 4px rgb(98, 175,  
104) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 48.600, 143.131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 175, 104) }
```

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

```
.background{ background-color: rgb(98, 175,  
104) }
```

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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