

Converting Colors

CIELCh(65, 67.520, 130.681)

Have a look what the booklet for
CIELCh(65, 67.520, 130.681)
contains.

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Color

CIELCh(65, 67.527, 130.673)

Conversions

Conversions Part 1

Format	Color
Hex	65B03A
RGB	101, 176, 58
RGB Percent	40%, 69%, 23%
CMY	0.6046, 0.3104, 0.7732
CMYK	0.43, 0.00, 0.67, 0.31
HSL	98°, 50%, 46%
HSV	98°, 67%, 69%
XYZ	21.6010, 34.0472, 9.4149
YIQ	140.1230, -6.8220, -52.5980

Conversions

Conversions Part 2

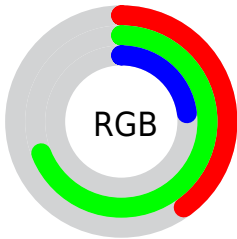
Format	Color
RYB	58, 176, 133
Decimal	6664250
CIELab	65.00, -44.01, 51.22
CIELCh	65, 67.527, 130.673
Yxy	34.0472, 0.3320, 0.5233
Android (android.graphics.Color)	4284854330 (0xFF65B03A)
YUV	140.1230, -40.4866, -34.3109
Hunter-Lab	58.3500, -36.0322, 31.2784

Details

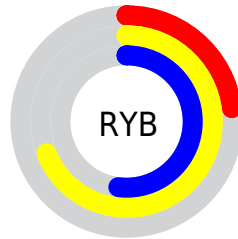
The CIELCh color **65, 67.527, 130.673** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **40, 71.737, 316.269**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **85, 67.337, 130.670**, and **45, 66.074, 131.655** is the 20% darker color. If you saturate the color by 10%, you get **64, 75.071, 130.594**, and if you desaturate by 10%, it is **66, 58.749, 130.992**.

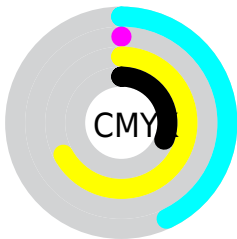
Distribution



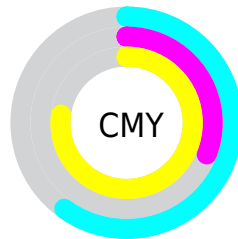
- Red (40%)
- Green (69%)
- Blue (23%)



- Red (23%)
- Yellow (69%)
- Blue (52%)



- Cyan (43%)
- Magenta (0%)
- Yellow (67%)
- Black (31%)





- Cyan (60%)
- Magenta (31%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 67.527, 130.673 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, 67.527, 130.673 by changing the saturation by 10% instead.


 65, 67.527,
130.673


 65, 67.527,
130.673


 100, 67.527,
130.673


 55, 67.527,
130.673


 85, 67.527,
130.673

 45, 67.527,
130.673

 95, 67.527,
130.673

 35, 67.527,
130.673

 25, 67.527,
130.673

 15, 67.527,
130.673

 5, 67.527, 130.673

 0, 67.527, 130.673

■ 65, 67.527,
130.673

■ 65, 67.527,
130.673

■ 64, 75.071,
130.594

■ 66, 58.749,
130.992

■ 64, 80.938,
130.877

■ 67, 49.141,
131.439

■ 64, 84.903,
131.579

■ 67, 39.013,
131.939

■ 63, 85.892,
131.776

■ 68, 28.593,
132.446

■ 70, 18.040,
132.932

■ 71, 7.468, 133.390

■ 72, 3.041, 313.727

■ 74, 13.429,
314.125

■ 75, 23.657,
314.449

Harmonies

Complementary

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



65, 67.527, 130.673



40, 71.737, 316.269

Rectangle

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



65, 67.527, 130.673



65, 67.527, 180.673



65, 67.527, 310.673



65, 67.527, 0.673

Sweetspot

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



65, 67.528, 130.674



88, 26.205, 132.777



58, 46.358, 79.215



46, 17.861, 132.644



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, 67.528, 130.674



82, 95.706, 130.692



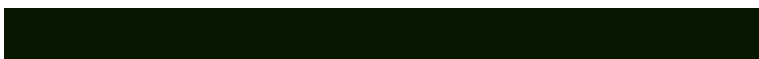
64, 68.436, 141.826



36, 5.890, 133.291



55, 76.414, 131.595



6, 12.667, 135.824

Inverse Universe

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



40, 71.737, 316.269



46, 102.314, 316.254



45, 66.823, 332.323



34, 5.947, 314.028



26, 81.702, 315.582



1, 12.158, 310.468

Previews

White Background



This preview shows how the CIELCh color 65, 67.527, 130.673 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 65, 67.527, 130.673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

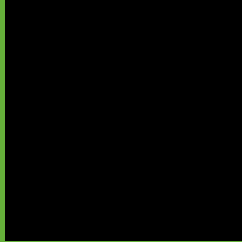
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 67.527, 130.673

Background



This preview shows how black text looks on a background with the CIELCh color 65, 67.527, 130.673.



This preview shows how white text looks on a background with the CIELCh color 65, 67.527, 130.673.

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, 67.527, 130.673

Protanopia
65, 54.664, 95.147

Deuteranopia
65, 49.511, 80.003



Tritanopia
65, 16.499, 226.676

Trichromacy



Original Color
65, 67.527, 130.673



Protanomaly
64, 56.328, 111.027



Deuteranomaly
64, 49.969, 103.713



Tritanomaly
64, 28.132, 154.989

Monochromacy



Original Color
65, 67.527, 130.673



Achromatopsia
58, 0.007, 296.813



Achromatomaly
60, 26.405, 132.160

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 67.527, 130.673 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(101, 176, 58)` looks like.

```
.text, #text, p{  
    color:rgb(101, 176, 58)  
}
```

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(101, 176, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 176, 58) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 67.527, 130.673 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(101, 176, 58) }
```

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

```
.border{ border-color:rgb(101, 176, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 176, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 176, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 176, 58);  
box-shadow:4px 4px 4px 4px rgb(101, 176,  
58) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 67.527, 130.673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 176, 58) }
```

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

```
.background{ background-color: rgb(101,  
176, 58) }
```

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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