

Converting Colors

CIELCh(65, 70.474, 141.493)

Have a look what the booklet for
CIELCh(65, 70.474, 141.493)
contains.

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Color

CIELCh(65, 70.258, 141.535)

Conversions

Conversions Part 1

Format	Color
Hex	3BB44A
RGB	59, 180, 74
RGB Percent	23%, 71%, 29%
CMY	0.7688, 0.2943, 0.7099
CMYK	0.67, 0.00, 0.59, 0.29
HSL	127°, 51%, 47%
HSV	127°, 67%, 71%
XYZ	19.3478, 34.0472, 12.0236
YIQ	131.7370, -38.0900, -58.6180

Conversions

Conversions Part 2

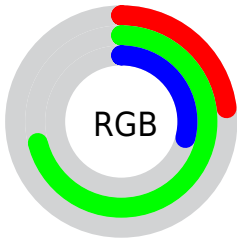
Format	Color
RYB	59, 167, 180
Decimal	3912778
CIELab	65.00, -55.01, 43.70
CIELCh	65, 70.258, 141.535
Yxy	34.0472, 0.2958, 0.5205
Android (android.graphics.Color)	4282102858 (0xFF3BB44A)
YUV	131.7370, -28.4643, -63.7903
Hunter-Lab	58.3500, -42.9250, 28.6277

Details

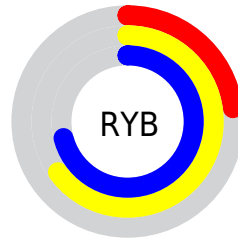
The CIELCh color **65, 70.258, 141.535** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **46, 68.586, 331.977**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **85, 70.235, 141.536**, and **46, 67.040, 138.422** is the 20% darker color. If you saturate the color by 10%, you get **64, 77.951, 140.126**, and if you desaturate by 10%, it is **66, 61.338, 142.873**.

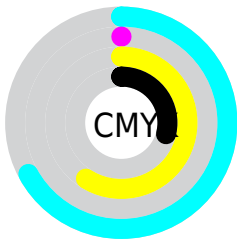
Distribution



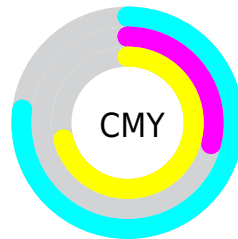
- Red (23%)
- Green (71%)
- Blue (29%)



- Red (23%)
- Yellow (65%)
- Blue (71%)



- Cyan (67%)
- Magenta (0%)
- Yellow (59%)
- Black (29%)





- Cyan (77%)
- Magenta (29%)
- Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 70.258, 141.535 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, 70.258, 141.535 by changing the saturation by 10% instead.


 65, 70.258,
141.535


 65, 70.258,
141.535


 100, 70.258,
141.535


 55, 70.258,
141.535


 85, 70.258,
141.535

 45, 70.258,
141.535

 95, 70.258,
141.535

 35, 70.258,
141.535

 25, 70.258,
141.535

 15, 70.258,
141.535

 5, 70.258, 141.535

 0, 70.258, 141.535

■ 65, 70.258,
141.535

■ 65, 70.258,
141.535

■ 64, 77.951,
140.126

■ 66, 61.338,
142.873

■ 64, 84.122,
138.732

■ 67, 51.489,
144.088

■ 64, 88.548,
137.499

■ 68, 40.994,
145.163

■ 64, 89.496,
137.247

■ 69, 30.103,
146.097

■ 70, 19.032,
146.905

■ 72, 7.950, 147.612

■ 74, 3.012, 328.079

■ 76, 13.761,
328.655

■ 78, 24.236,
329.100

Harmonies

Complementary

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



65, 70.258, 141.535



46, 68.586, 331.977

Rectangle

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



65, 70.258, 141.535



65, 70.258, 191.535



65, 70.258, 321.535



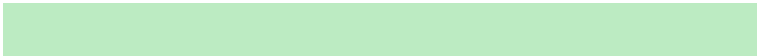
65, 70.258, 11.535

Sweetspot

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



65, 70.258, 141.535



89, 27.407, 146.667



70, 61.092, 109.959



47, 18.690, 146.445



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



65, 70.258, 141.535



82, 99.194, 139.400



66, 46.639, 162.430



37, 6.185, 147.470



55, 79.089, 137.410



7, 15.222, 147.148

Inverse Universe

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



46, 68.586, 331.977



56, 93.874, 332.837



44, 52.633, 0.397



35, 6.198, 328.528



35, 71.715, 333.786



2, 14.329, 329.886

Previews

White Background



This preview shows how the CIELCh color 65, 70.258, 141.535 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, 70.258, 141.535 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, 70.258, 141.535

Background



This preview shows how black text looks on a background with the CIELCh color 65, 70.258, 141.535.

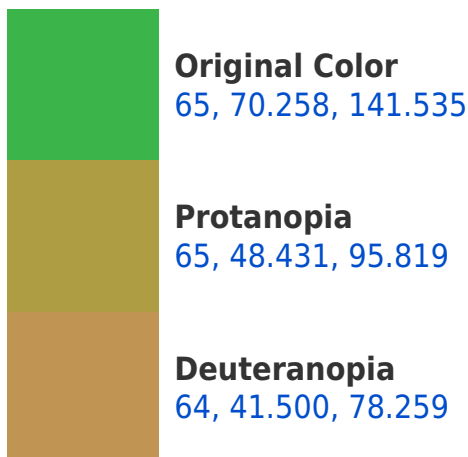


This preview shows how white text looks on a background with the CIELCh color 65, 70.258, 141.535.

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





Tritanopia
65, 25.058, 214.461

Trichromacy



Original Color
65, 70.258, 141.535



Protanomaly
64, 52.008, 120.694



Deuteranomaly
63, 43.460, 114.724



Tritanomaly
65, 35.921, 168.702

Monochromacy



Original Color
65, 70.258, 141.535



Achromatopsia
55, 0.007, 296.813



Achromatomaly
58, 27.720, 146.311

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 70.258, 141.535 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(59, 180, 74)` looks like.

```
.text, #text, p{  
    color:rgb(59, 180, 74)  
}
```

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(59, 180, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 180, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 70.258, 141.535 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(59, 180, 74) }
```

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

```
.border{ border-color:rgb(59, 180, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 180, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 180, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 180, 74);  
box-shadow:4px 4px 4px 4px rgb(59, 180,  
74) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 70.258, 141.535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 180, 74) }
```

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

```
.background{ background-color: rgb(59, 180,  
74) }
```

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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