

Converting Colors

CIELCh(65, 79.154, 143.896)

Have a look what the booklet for
CIELCh(65, 79.154, 143.896)
contains.

CIELCh(65, 78.570, 143.376)	3
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Color

CIELCh(65, 78.570, 143.376)

Conversions

Conversions Part 1

Format	Color
Hex	00B743
RGB	0, 183, 67
RGB Percent	0%, 72%, 26%
CMY	1.0000, 0.2843, 0.7391
CMYK	1.00, 0.00, 0.64, 0.28
HSL	142°, 100%, 36%
HSV	142°, 100%, 72%
XYZ	17.8029, 34.0472, 10.8713
YIQ	115.0590, -71.8320, -74.8720

Conversions

Conversions Part 2

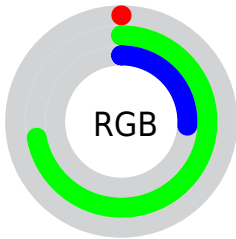
Format	Color
RYB	0, 134, 183
Decimal	46915
CIELab	65.00, -63.06, 46.87
CIELCh	65, 78.570, 143.376
Yxy	34.0472, 0.2838, 0.5428
Android (android.graphics.Color)	4278236995 (0xFF00B743)
YUV	115.0590, -23.6931, -100.9067
Hunter-Lab	58.3500, -47.6509, 29.7986

Details

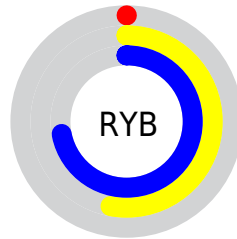
The CIELCh color **65, 78.570, 143.376** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **40, 69.164, 349.893**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **85, 78.439, 143.289**, and **46, 70.507, 136.793** is the 20% darker color. If you saturate the color by 10%, you get **65, 78.501, 143.325**, and if you desaturate by 10%, it is **65, 73.626, 145.352**.

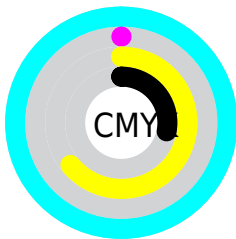
Distribution



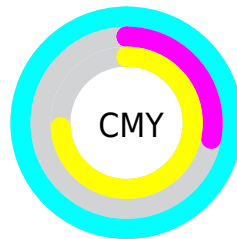
- Red (0%)
- Green (72%)
- Blue (26%)



- Red (0%)
- Yellow (53%)
- Blue (72%)



- Cyan (100%)
- Magenta (0%)
- Yellow (64%)
- Black (28%)





- Cyan (100%)
- Magenta (28%)
- Yellow (74%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 78.570, 143.376 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, 78.570, 143.376 by changing the saturation by 10% instead.


 65, 78.570,
143.376


 65, 78.570,
143.376


 100, 78.570,
143.376


 55, 78.570,
143.376


 85, 78.570,
143.376

 45, 78.570,
143.376

 95, 78.570,
143.376

 35, 78.570,
143.376

 25, 78.570,
143.376

 15, 78.570,
143.376

 5, 78.570, 143.376

 0, 78.570, 143.376

■ 65, 78.570,
143.376

■ 65, 78.570,
143.376

■ 65, 78.501,
143.325

■ 65, 73.626,
145.352

■ 66, 67.927,
147.333

■ 66, 61.322,
149.142

■ 67, 53.885,
150.757

■ 68, 45.745,
152.179

■ 69, 37.058,
153.424

■ 70, 27.991,
154.512

■ 71, 18.703,

155.467

■ 73, 9.332, 156.319

Harmonies

Complementary

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



65, 78.570, 143.376



40, 69.164, 349.893

Rectangle

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



65, 78.570, 143.376



65, 78.570, 193.376



65, 78.570, 323.376



65, 78.570, 13.376

Sweetspot

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



65, 78.501, 143.325



88, 34.622, 154.460



68, 80.760, 122.192



47, 23.754, 154.018



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



65, 78.501, 143.325



83, 96.349, 142.943



67, 45.414, 176.240



38, 5.311, 156.373



56, 69.318, 143.611



8, 15.656, 152.973

Inverse Universe

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



40, 69.164, 349.893



52, 83.899, 350.394



38, 74.688, 32.900



36, 5.348, 337.656



34, 61.609, 349.529



3, 13.354, 342.978

Previews

White Background



This preview shows how the CIELCh color 65, 78.570, 143.376 looks on a white background.

Color Contrast Check

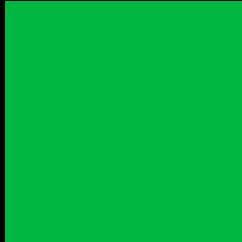
Large Text (above 18pt) WCAG AA × Fail

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, 78.570, 143.376 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, 78.570, 143.376

Background



This preview shows how black text looks on a background with the CIELCh color 65, 78.570, 143.376.



This preview shows how white text looks on a background with the CIELCh color 65, 78.570, 143.376.

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](#).

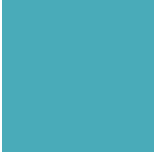
Dichromacy



Original Color
65, 78.570, 143.376

Protanopia
65, 52.072, 95.509

Deuteranopia
64, 44.531, 79.113



Tritanopia
65, 28.946, 213.005

Trichromacy



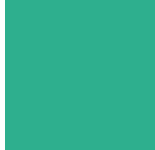
Original Color
65, 78.570, 143.376



Protanomaly
63, 58.994, 127.397



Deuteranomaly
62, 49.661, 124.122



Tritanomaly
64, 42.895, 170.492

Monochromacy



Original Color
65, 78.570, 143.376



Achromatopsia
48, 0.006, 296.813



Achromatomaly
53, 35.610, 152.325

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 78.570, 143.376 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(0, 183, 67)` looks like.

```
.text, #text, p{  
    color:rgb(0, 183, 67)  
}
```

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(0, 183, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 183, 67) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 78.570, 143.376 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(0, 183, 67) }
```

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

```
.border{ border-color:rgb(0, 183, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 183, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 183, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 183, 67);  
box-shadow:4px 4px 4px 4px rgb(0, 183, 67)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 65, 78.570, 143.376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 183, 67) }
```

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

```
.background{ background-color: rgb(0, 183,  
67) }
```

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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