

Converting Colors

CIELCh(65, 85.518, 138.956)

Have a look what the booklet for
CIELCh(65, 85.518, 138.956)
contains.

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Color

CIELCh(65, 85.624, 138.974)

Conversions

Conversions Part 1

Format	Color
Hex	0FB72B
RGB	15, 183, 43
RGB Percent	6%, 72%, 17%
CMY	0.9404, 0.2832, 0.8323
CMYK	0.92, 0.00, 0.77, 0.28
HSL	130°, 85%, 39%
HSV	130°, 92%, 72%
XYZ	17.5173, 34.0472, 7.9099
YIQ	116.8080, -55.1880, -79.1560

Conversions

Conversions Part 2

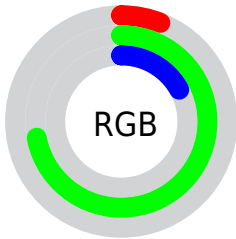
Format	Color
RYB	15, 159, 183
Decimal	1029931
CIELab	65.00, -64.60, 56.20
CIELCh	65, 85.624, 138.974
Yxy	34.0472, 0.2945, 0.5725
Android (android.graphics.Color)	4279220011 (0xFF0FB72B)
YUV	116.8080, -36.3873, -89.2856
Hunter-Lab	58.3500, -48.5246, 32.8076

Details

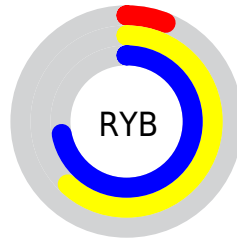
The CIELCh color $65, 85.624, 138.974$ is a dark color, and the websafe version is hex $33CC33$. A complement of this color would be $42, 78.215, 335.379$, and the grayscale version is $49, 0.007, 296.813$.

A 20% lighter version of the original color is $85, 85.312, 139.076$, and $46, 71.852, 136.016$ is the 20% darker color. If you saturate the color by 10%, you get $65, 89.164, 137.881$, and if you desaturate by 10%, it is $65, 79.962, 140.488$.

Distribution



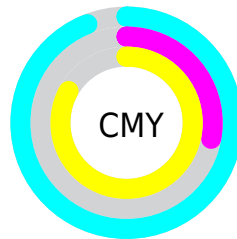
- Red (6%)
- Green (72%)
- Blue (17%)



- Red (6%)
- Yellow (62%)
- Blue (72%)



- Cyan (92%)
- Magenta (0%)
- Yellow (77%)
- Black (28%)





- Cyan (94%)
- Magenta (28%)
- Yellow (83%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 85.624, 138.974 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, 85.624, 138.974 by changing the saturation by 10% instead.


 65, 85.624,
138.974


 65, 85.624,
138.974


 100, 85.624,
138.974


 55, 85.624,
138.974


 85, 85.624,
138.974

 45, 85.624,
138.974

 95, 85.624,
138.974

 35, 85.624,
138.974

 25, 85.624,
138.974

 15, 85.624,
138.974

 5, 85.624, 138.974

 0, 85.624, 138.974

■ 65, 85.624,
138.974

■ 65, 85.624,
138.974

■ 65, 89.164,
137.881

■ 65, 79.962,
140.488

■ 66, 72.822,
142.013

■ 66, 64.439,
143.458

■ 67, 55.071,
144.773

■ 68, 44.978,
145.937

■ 69, 34.405,
146.952

■ 71, 23.572,
147.830

■ 72, 12.658,

148.593

■ 74, 1.807, 149.372

Harmonies

Complementary

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



65, 85.624, 138.974



42, 78.215, 335.379

Rectangle

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



65, 85.624, 138.974



65, 85.624, 188.974



65, 85.624, 318.974



65, 85.624, 8.974

Sweetspot

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



65, 85.624, 138.975



88, 37.604, 147.249



70, 74.686, 111.509



47, 26.137, 146.848



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, 85.624, 138.975



82, 109.007, 137.641



66, 55.900, 159.919



38, 6.151, 148.759



56, 78.795, 138.070



8, 17.386, 147.897

Inverse Universe

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



42, 78.215, 335.379



54, 96.024, 336.216



39, 64.465, 12.242



36, 6.167, 329.847



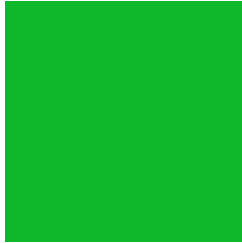
35, 70.382, 335.947



3, 15.926, 332.083

Previews

White Background



This preview shows how the CIELCh color 65, 85.624, 138.974 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, 85.624, 138.974 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, 85.624, 138.974

Background



This preview shows how black text looks on a background with the CIELCh color 65, 85.624, 138.974.



This preview shows how white text looks on a background with the CIELCh color 65, 85.624, 138.974.

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, 85.664, 139.006

Protanopia
65, 60.828, 95.349

Deuteranopia
64, 53.796, 81.424



Tritanopia
65, 28.188, 213.506

Trichromacy



Original Color
65, 85.664, 139.006



Protanomaly
63, 66.527, 121.644



Deuteranomaly
62, 57.679, 117.775



Tritanomaly
64, 44.958, 164.497

Monochromacy



Original Color
65, 85.664, 139.006



Achromatopsia
49, 0.007, 296.813



Achromatomaly
53, 37.760, 145.846

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 85.624, 138.974 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(15, 183, 43)` looks like.

```
.text, #text, p{  
    color:rgb(15, 183, 43)  
}
```

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(15, 183, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 183, 43) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 85.624, 138.974 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(15, 183, 43) }
```

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

```
.border{ border-color:rgb(15, 183, 43) }
```

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

Here you see how a box with a 4 pixel rgb(15, 183, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 183, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 183, 43);  
box-shadow:4px 4px 4px 4px rgb(15, 183,  
43) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 85.624, 138.974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 183, 43) }
```

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

```
.background{ background-color: rgb(15, 183,  
43) }
```

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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