

Converting Colors

CIELCh(65, 82.362, 127.472)

Have a look what the booklet for
CIELCh(65, 82.362, 127.472)
contains.

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Color

CIELCh(65, 82.475, 127.558)

Conversions

Conversions Part 1

Format	Color
Hex	5CB203
RGB	92, 178, 3
RGB Percent	36%, 70%, 1%
CMY	0.6399, 0.3026, 0.9897
CMYK	0.48, 0.00, 0.99, 0.30
HSL	89°, 97%, 35%
HSV	89°, 99%, 70%
XYZ	20.2978, 34.0472, 5.5768
YIQ	132.3360, 4.9190, -72.6570

Conversions

Conversions Part 2

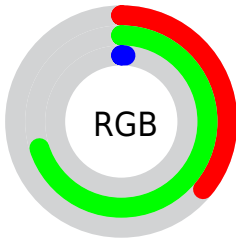
Format	Color
RYB	3, 178, 89
Decimal	6074883
CIELab	65.00, -50.27, 65.38
CIELCh	65, 82.475, 127.558
Yxy	34.0472, 0.3387, 0.5682
Android (android.graphics.Color)	4284264963 (0xFF5CB203)
YUV	132.3360, -63.7626, -35.3747
Hunter-Lab	58.3500, -40.0187, 35.1783

Details

The CIELCh color **65, 82.475, 127.558** is a dark color, and the websafe version is hex **66CC33**. A complement of this color would be **28, 94.716, 311.784**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **85, 82.419, 127.512**, and **45, 68.721, 134.397** is the 20% darker color. If you saturate the color by 10%, you get **65, 82.962, 127.695**, and if you desaturate by 10%, it is **65, 78.868, 126.619**.

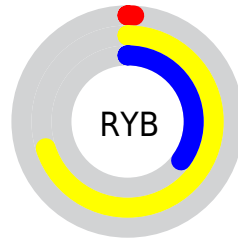
Distribution



Red (36%)

Green (70%)

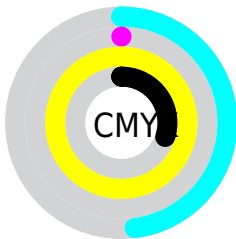
Blue (1%)



Red (1%)

Yellow (70%)

Blue (35%)

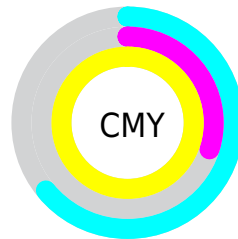


Cyan (48%)

Magenta (0%)

Yellow (99%)

Black (30%)



Cyan (64%)


Magenta (30%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 82.475, 127.558 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, 82.475, 127.558 by changing the saturation by 10% instead.


 65, 82.475,
127.558


 65, 82.475,
127.558


 100, 82.475,
127.558


 55, 82.475,
127.558


 85, 82.475,
127.558

 45, 82.475,
127.558

 95, 82.475,
127.558

 35, 82.475,
127.558

 25, 82.475,
127.558

 15, 82.475,
127.558

 5, 82.475, 127.558

 0, 82.475, 127.558

■ 65, 82.475,
127.558

■ 65, 82.475,
127.558

■ 65, 82.962,
127.695

■ 65, 78.868,
126.619

■ 66, 73.504,
126.101

■ 66, 66.450,
125.992

■ 67, 58.133,
126.168

■ 68, 48.957,
126.518

■ 69, 39.239,
126.959

■ 70, 29.200,
127.437

■ 70, 18.994,

127.920

■ 72, 8.730, 128.389

Harmonies

Complementary

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



65, 82.475, 127.558



28, 94.716, 311.784

Rectangle

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



65, 82.475, 127.558



65, 82.475, 177.558



65, 82.475, 307.558



65, 82.475, 357.558

Sweetspot

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



65, 82.475, 127.559



88, 38.099, 127.341



47, 64.714, 59.654



47, 26.152, 127.140



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, 82.475, 127.559



83, 101.517, 127.980



63, 90.948, 136.006



37, 5.819, 128.352



56, 74.114, 127.499



7, 14.468, 132.454

Inverse Universe

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



28, 94.716, 311.784



37, 116.606, 311.528



42, 87.948, 327.572



35, 5.899, 309.155



23, 85.254, 311.858



1, 13.820, 304.937

Previews

White Background



This preview shows how the CIELCh color 65, 82.475, 127.558 looks on a white background.

Color Contrast Check

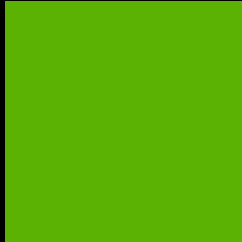
Large Text (above 18pt) WCAG AA × Fail

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, 82.475, 127.558 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, 82.475, 127.558

Background



This preview shows how black text looks on a background with the CIELCh color 65, 82.475, 127.558.



This preview shows how white text looks on a background with the CIELCh color 65, 82.475, 127.558.

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, 82.475, 127.558

Protanopia

65, 68.130, 95.035

Deuteranopia

65, 61.909, 82.553



Tritanopia
65, 18.076, 223.875

Trichromacy



Original Color
65, 82.475, 127.558



Protanomaly
64, 70.473, 109.829



Deuteranomaly
64, 64.152, 103.251



Tritanomaly
64, 38.870, 145.285

Monochromacy



Original Color
65, 82.475, 127.558



Achromatopsia
55, 0.007, 296.813



Achromatomaly
58, 37.844, 127.108

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 82.475, 127.558 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(92, 178, 3)` looks like.

```
.text, #text, p{  
    color:rgb(92, 178, 3)  
}
```

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(92, 178, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 178, 3) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 82.475, 127.558 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(92, 178, 3) }
```

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

```
.border{ border-color:rgb(92, 178, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 178, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 178, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 178, 3);  
box-shadow:4px 4px 4px 4px rgb(92, 178, 3)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 65, 82.475, 127.558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 178, 3) }
```

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

```
.background{ background-color: rgb(92, 178,  
3) }
```

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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