

Converting Colors

CIELCh(66, 65.893, 130.451)

Have a look what the booklet for
CIELCh(66, 65.893, 130.451)
contains.

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Color

CIELCh(66, 65.893, 130.451)

Conversions

Conversions Part 1

Format	Color
Hex	6AB23F
RGB	106, 178, 63
RGB Percent	42%, 70%, 25%
CMY	0.5838, 0.3014, 0.7524
CMYK	0.40, 0.00, 0.65, 0.30
HSL	98°, 48%, 47%
HSV	98°, 65%, 70%
XYZ	22.8055, 35.3238, 10.3368
YIQ	143.3620, -5.9970, -51.0290

Conversions

Conversions Part 2

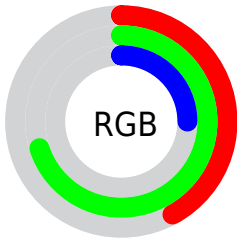
Format	Color
RYB	63, 178, 135
Decimal	6992447
CIELab	66.00, -42.75, 50.14
CIELCh	66, 65.893, 130.451
Yxy	35.3238, 0.3331, 0.5159
Android (android.graphics.Color)	4285182527 (0xFF6AB23F)
YUV	143.3620, -39.6185, -32.7665
Hunter-Lab	59.4338, -35.5165, 31.2919

Details

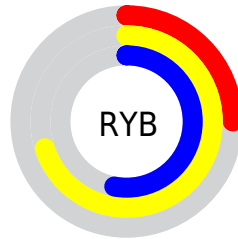
The CIELCh color **66, 65.893, 130.451** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **41, 70.071, 315.936**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **86, 65.534, 130.440**, and **46, 65.952, 130.455** is the 20% darker color. If you saturate the color by 10%, you get **65, 73.849, 130.315**, and if you desaturate by 10%, it is **67, 56.803, 130.801**.

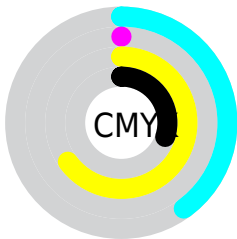
Distribution



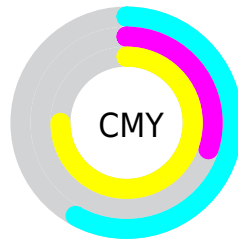
- Red (42%)
- Green (70%)
- Blue (25%)



- Red (25%)
- Yellow (70%)
- Blue (53%)



- Cyan (40%)
- Magenta (0%)
- Yellow (65%)
- Black (30%)





- Cyan (58%)
- Magenta (30%)
- Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 65.893, 130.451 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 66, 65.893, 130.451 by changing the saturation by 10% instead.


 66, 65.893,
130.451


 66, 65.893,
130.451


 100, 65.893,
130.451


 56, 65.893,
130.451


 86, 65.893,
130.451

 46, 65.893,
130.451

 96, 65.893,
130.451

 36, 65.893,
130.451

 26, 65.893,
130.451

 16, 65.893,
130.451

 6, 65.893, 130.451

 0, 65.893, 130.451

■ 66, 65.893,
130.451

■ 66, 65.893,
130.451

■ 65, 73.849,
130.315

■ 67, 56.803,
130.801

■ 65, 80.221,
130.513

■ 68, 46.965,
131.259

■ 64, 84.648,
131.153

■ 69, 36.668,
131.759

■ 64, 86.513,
131.568

■ 70, 26.121,
132.259

■ 71, 15.472,
132.736

■ 72, 4.826, 133.193

■ 73, 5.742, 313.531

■ 75, 16.180,
313.899

■ 76, 26.450,
314.213

Harmonies

Complementary

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



66, 65.893, 130.451



41, 70.071, 315.936

Rectangle

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



66, 65.893, 130.451



66, 65.893, 180.451



66, 65.893, 310.451



66, 65.893, 0.451

Sweetspot

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



66, 65.894, 130.452



89, 25.049, 132.512



59, 44.768, 78.132



47, 17.382, 132.376



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



66, 65.894, 130.452



83, 93.187, 130.343



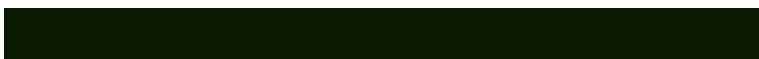
65, 67.751, 141.706



37, 6.017, 132.975



56, 77.180, 131.391



7, 14.900, 136.090

Inverse Universe

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



41, 70.071, 315.936



48, 99.864, 316.037



47, 66.413, 331.542



35, 6.077, 313.716



26, 82.881, 315.294



2, 14.188, 309.607

Previews

White Background



This preview shows how the CIELCh color 66, 65.893, 130.451 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 CIE LCh color 66, 65.893, 130.451 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 66, 65.893, 130.451

Background



This preview shows how black text looks on a background with the CIELCh color 66, 65.893, 130.451.

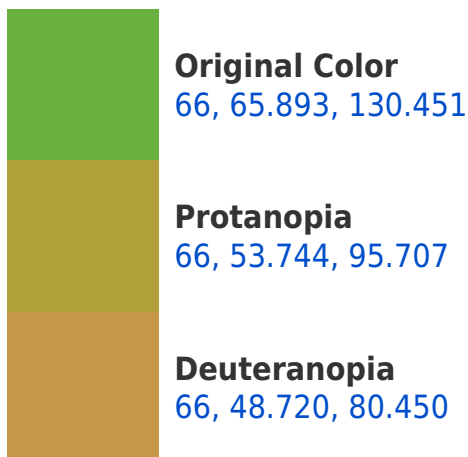


This preview shows how white text looks on a background with the CIELCh color 66, 65.893, 130.451.

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
66, 15.741, 225.784

Trichromacy



Original Color
66, 65.893, 130.451



Protanomaly
65, 55.505, 111.249



Deuteranomaly
65, 49.465, 103.835



Tritanomaly
66, 27.141, 154.973

Monochromacy



Original Color
66, 65.893, 130.451



Achromatopsia
59, 0.008, 296.813



Achromatomaly
61, 25.640, 131.926

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 65.893, 130.451 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(106, 178, 63)` looks like.

```
.text, #text, p{  
    color:rgb(106, 178, 63)  
}
```

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(106, 178, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 178, 63) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 65.893, 130.451 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(106, 178, 63) }
```

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

```
.border{ border-color:rgb(106, 178, 63) }
```

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

Here you see how a box with a 4 pixel rgb(106, 178, 63) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 178, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 178, 63);  
box-shadow:4px 4px 4px 4px rgb(106, 178,  
63) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 65.893, 130.451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 178, 63) }
```

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

```
.background{ background-color: rgb(106,  
178, 63) }
```

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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