

Converting Colors

CIELCh(64, 65.233, 133.942)

Have a look what the booklet for
CIELCh(64, 65.233, 133.942)
contains.

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Color

CIELCh(64, 65.384, 133.978)

Conversions

Conversions Part 1

Format	Color
Hex	5CAE41
RGB	92, 174, 65
RGB Percent	36%, 68%, 25%
CMY	0.6403, 0.3187, 0.7461
CMYK	0.47, 0.00, 0.63, 0.32
HSL	105°, 46%, 47%
HSV	105°, 63%, 68%
XYZ	20.4126, 32.8017, 10.2160
YIQ	137.0560, -13.8830, -51.2830

Conversions

Conversions Part 2

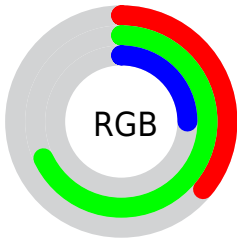
Format	Color
RYB	65, 174, 147
Decimal	6073921
CIELab	64.00, -45.40, 47.05
CIELCh	64, 65.384, 133.978
Yxy	32.8017, 0.3218, 0.5171
Android (android.graphics.Color)	4284264001 (0xFF5CAE41)
YUV	137.0560, -35.5236, -39.5141
Hunter-Lab	57.2727, -36.6082, 29.5151

Details

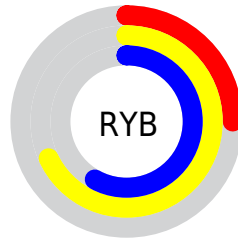
The CIELCh color **64, 65.384, 133.978** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **43, 67.337, 319.766**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **84, 65.280, 133.952**, and **44, 65.492, 133.958** is the 20% darker color. If you saturate the color by 10%, you get **63, 73.634, 133.573**, and if you desaturate by 10%, it is **65, 56.017, 134.529**.

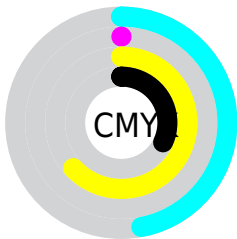
Distribution



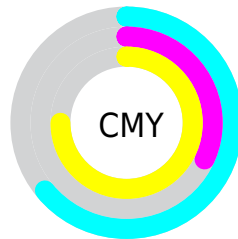
- Red (36%)
- Green (68%)
- Blue (25%)



- Red (25%)
- Yellow (68%)
- Blue (58%)



- Cyan (47%)
- Magenta (0%)
- Yellow (63%)
- Black (32%)





- Cyan (64%)
- Magenta (32%)
- Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 64, 65.384, 133.978 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 64, 65.384, 133.978 by changing the saturation by 10% instead.

 64, 65.384,
133.978


 64, 65.384,
133.978


 100, 65.384,
133.978


 54, 65.384,
133.978


 84, 65.384,
133.978

 44, 65.384,
133.978

 94, 65.384,
133.978

 34, 65.384,
133.978

 24, 65.384,
133.978

 14, 65.384,
133.978

 4, 65.384, 133.978

 0, 65.384, 133.978

■ 64, 65.384,
133.978

■ 64, 65.384,
133.978

■ 63, 73.634,
133.573

■ 65, 56.017,
134.529

■ 63, 80.312,
133.434

■ 66, 45.913,
135.133

■ 62, 85.016,
133.673

■ 67, 35.365,
135.733

■ 62, 87.418,
133.969

■ 68, 24.588,
136.298

■ 69, 13.738,
136.815

■ 71, 2.930, 137.317

■ 72, 7.756, 317.632

■ 74, 18.262,
317.991

■ 75, 28.551,
318.293

Harmonies

Complementary

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



64, 65.384, 133.978



43, 67.337, 319.766

Rectangle

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



64, 65.384, 133.978



64, 65.384, 183.978



64, 65.384, 313.978



64, 65.384, 3.978

Sweetspot

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



64, 65.385, 133.979



87, 25.525, 136.479



62, 46.046, 89.365



46, 17.716, 136.330



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



64, 65.385, 133.979



81, 93.096, 133.486



63, 58.960, 146.081



36, 6.088, 136.982



54, 78.506, 133.838



6, 13.014, 138.756

Inverse Universe

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



43, 67.337, 319.766



50, 95.746, 319.869



45, 58.306, 336.976



34, 6.128, 317.745



29, 79.988, 319.205



2, 12.557, 314.777

Previews

White Background



This preview shows how the CIELCh color 64, 65.384, 133.978 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 64, 65.384, 133.978 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 64, 65.384, 133.978

Background



This preview shows how black text looks on a background with the CIELCh color 64, 65.384, 133.978.



This preview shows how white text looks on a background with the CIELCh color 64, 65.384, 133.978.

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

64, 65.384, 133.978

Protanopia

64, 50.810, 95.319

Deuteranopia

64, 45.322, 79.936



Tritanopia
64, 18.191, 221.775

Trichromacy



Original Color
64, 65.384, 133.978

Protanomaly
63, 52.788, 113.214

Deuteranomaly
63, 46.328, 106.738

Tritanomaly
64, 28.777, 160.120

Monochromacy



Original Color
64, 65.384, 133.978

Achromatopsia
57, 0.007, 296.813

Achromatomaly
59, 24.878, 135.872

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 65.384, 133.978 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, 174, 65)` looks like.

```
.text, #text, p{  
    color:rgb(92, 174, 65)  
}
```

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, 174, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 174, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 65.384, 133.978 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, 174, 65) }
```

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

```
.border{ border-color:rgb(92, 174, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 174, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 174, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 174, 65);  
box-shadow:4px 4px 4px 4px rgb(92, 174,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 65.384, 133.978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 174, 65) }
```

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

```
.background{ background-color: rgb(92, 174,  
65) }
```

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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