

Converting Colors

CIELCh(63, 65.069, 134.457)

Have a look what the booklet for
CIELCh(63, 65.069, 134.457)
contains.

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Color

CIELCh(63, 65.226, 134.356)

Conversions

Conversions Part 1

Format	Color
Hex	58AB3F
RGB	88, 171, 63
RGB Percent	35%, 67%, 25%
CMY	0.6547, 0.3292, 0.7527
CMYK	0.49, 0.00, 0.63, 0.33
HSL	106°, 46%, 46%
HSV	106°, 63%, 67%
XYZ	19.5041, 31.5869, 9.7803
YIQ	133.8710, -14.8000, -51.1840

Conversions

Conversions Part 2

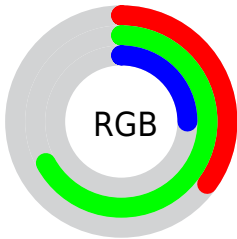
Format	Color
RYB	63, 171, 146
Decimal	5811007
CIELab	63.00, -45.60, 46.64
CIElCh	63, 65.226, 134.356
Yxy	31.5869, 0.3204, 0.5189
Android (android.graphics.Color)	4284001087 (0xFF58AB3F)
YUV	133.8710, -34.9394, -40.2289
Hunter-Lab	56.2022, -36.4082, 29.0239

Details

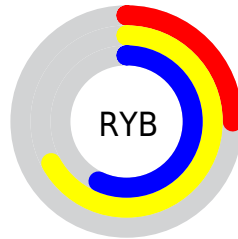
The CIELCh color **63, 65.226, 134.356** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **42, 66.938, 320.270**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **83, 65.150, 134.368**, and **43, 65.383, 134.322** is the 20% darker color. If you saturate the color by 10%, you get **62, 73.344, 133.923**, and if you desaturate by 10%, it is **64, 55.976, 134.932**.

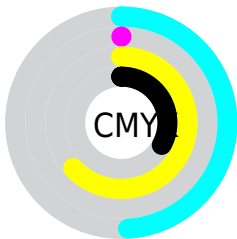
Distribution



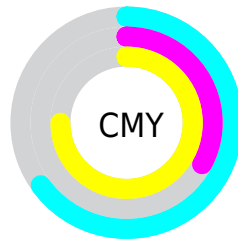
- Red (35%)
- Green (67%)
- Blue (25%)



- Red (25%)
- Yellow (67%)
- Blue (57%)



- Cyan (49%)
- Magenta (0%)
- Yellow (63%)
- Black (33%)





- Cyan (65%)
- Magenta (33%)
- Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 63, 65.226, 134.356 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 63, 65.226, 134.356 by changing the saturation by 10% instead.


 63, 65.226,
134.356


 63, 65.226,
134.356


 100, 65.226,
134.356


 53, 65.226,
134.356


 83, 65.226,
134.356

 43, 65.226,
134.356

 93, 65.226,
134.356

 33, 65.226,
134.356

 23, 65.226,
134.356

 13, 65.226,
134.356

 3, 65.226, 134.356

 0, 65.226, 134.356

■ 63, 65.226,
134.356

■ 63, 65.226,
134.356

■ 62, 73.344,
133.923

■ 64, 55.976,
134.932

■ 62, 79.881,
133.752

■ 65, 45.977,
135.557

■ 61, 84.442,
133.956

■ 66, 35.522,
136.174

■ 61, 86.670,
134.189

■ 67, 24.831,
136.752

■ 68, 14.063,
137.279

■ 70, 3.334, 137.782

■ 71, 7.273, 318.109

■ 73, 17.699,
318.474

■ 74, 27.905,
318.779

Harmonies

Complementary

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



63, 65.226, 134.356



42, 66.938, 320.270

Rectangle

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



63, 65.226, 134.356



63, 65.226, 184.356



63, 65.226, 314.356



63, 65.226, 4.356

Sweetspot

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



63, 65.227, 134.357



85, 25.181, 136.959



61, 46.276, 90.549



45, 17.478, 136.808



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



63, 65.227, 134.357



79, 92.647, 133.812



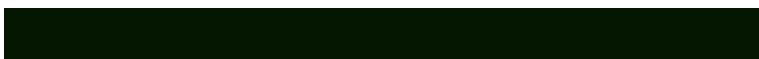
62, 57.811, 146.609



36, 6.117, 137.468



54, 78.744, 134.076



6, 13.065, 139.147

Inverse Universe

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



42, 66.938, 320.270



49, 94.825, 320.367



45, 57.250, 337.790



34, 6.155, 318.239



29, 79.784, 319.741



2, 12.622, 315.388

Previews

White Background



This preview shows how the CIELCh color 63, 65.226, 134.356 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 63, 65.226, 134.356 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 63, 65.226, 134.356

Background



This preview shows how black text looks on a background with the CIELCh color 63, 65.226, 134.356.



This preview shows how white text looks on a background with the CIELCh color 63, 65.226, 134.356.

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
63, 65.226, 134.356

Protanopia
63, 50.317, 95.727

Deuteranopia
62, 45.000, 79.601



Tritanopia
63, 18.468, 221.451

Trichromacy



Original Color
63, 65.226, 134.356



Protanomaly
62, 52.456, 113.761



Deuteranomaly
62, 45.926, 106.731



Tritanomaly
63, 29.107, 160.389

Monochromacy



Original Color
63, 65.226, 134.356



Achromatopsia
56, 0.007, 296.813



Achromatomaly
58, 25.167, 136.600

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 65.226, 134.356 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(88, 171, 63)` looks like.

```
.text, #text, p{  
    color:rgb(88, 171, 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(88, 171, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 171, 63) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 65.226, 134.356 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(88, 171, 63) }
```

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

```
.border{ border-color:rgb(88, 171, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 171, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 171, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 171, 63);  
box-shadow:4px 4px 4px 4px rgb(88, 171,  
63) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 65.226, 134.356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 171, 63) }
```

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

```
.background{ background-color: rgb(88, 171,  
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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