

Converting Colors

CIELCh(68, 67.154, 145.206)

Have a look what the booklet for
CIELCh(68, 67.154, 145.206)
contains.

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Color

CIELCh(68, 67.262, 145.259)

Conversions

Conversions Part 1

Format	Color
Hex	3CBD5D
RGB	60, 189, 93
RGB Percent	24%, 74%, 36%
CMY	0.7629, 0.2605, 0.6368
CMYK	0.68, 0.00, 0.51, 0.26
HSL	135°, 51%, 49%
HSV	135°, 68%, 74%
XYZ	21.9575, 37.9720, 16.4393
YIQ	139.4850, -46.0680, -57.2040

Conversions

Conversions Part 2

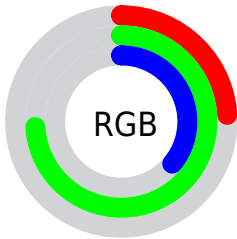
Format	Color
RYB	60, 163, 189
Decimal	3980637
CIELab	68.00, -55.27, 38.33
CIElCh	68, 67.262, 145.259
Yxy	37.9720, 0.2875, 0.4972
Android (android.graphics.Color)	4282170717 (0xFF3CBD5D)
YUV	139.4850, -22.9171, -69.7083
Hunter-Lab	61.6215, -44.2328, 27.3177

Details

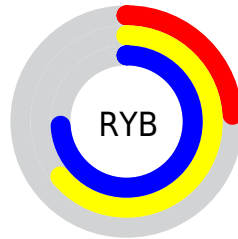
The CIELCh color **68, 67.262, 145.259** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **48, 65.865, 337.542**, and the grayscale version is **58, 0.007, 296.813**.

A 20% lighter version of the original color is **88, 67.196, 145.317**, and **49, 63.913, 142.388** is the 20% darker color. If you saturate the color by 10%, you get **67, 74.815, 143.604**, and if you desaturate by 10%, it is **69, 58.724, 146.756**.

Distribution



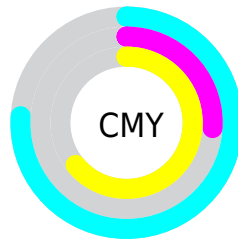
- Red (24%)
- Green (74%)
- Blue (36%)



- Red (24%)
- Yellow (64%)
- Blue (74%)



- Cyan (68%)
- Magenta (0%)
- Yellow (51%)
- Black (26%)



- Cyan (76%)
- Magenta (26%)
- Yellow (64%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 67.262, 145.259 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 68, 67.262, 145.259 by changing the saturation by 10% instead.

 68, 67.262,
145.259


 68, 67.262,
145.259


 100, 67.262,
145.259

 58, 67.262,
145.259


 88, 67.262,
145.259

 48, 67.262,
145.259

 98, 67.262,
145.259

 38, 67.262,
145.259

 28, 67.262,
145.259

 18, 67.262,
145.259

 8, 67.262, 145.259

 0, 67.262, 145.259

■ 68, 67.262,
145.259

■ 68, 67.262,
145.259

■ 67, 74.815,
143.604

■ 69, 58.724,
146.756

■ 67, 81.218,
141.835

■ 70, 49.397,
148.081

■ 67, 86.391,
140.061

■ 71, 39.492,
149.238

■ 67, 87.342,
139.735

■ 72, 29.216,
150.242

■ 73, 18.754,
151.114

■ 75, 8.259, 151.886

■ 77, 2.147, 332.358

■ 79, 12.373,
333.049

■ 81, 22.357,
333.565

Harmonies

Complementary

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



68, 67.262, 145.259



48, 65.865, 337.542

Rectangle

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



68, 67.262, 145.259



68, 67.262, 195.259



68, 67.262, 325.259



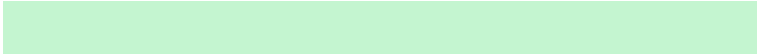
68, 67.262, 15.259

Sweetspot

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



68, 67.263, 145.259



92, 25.865, 150.916



72, 65.172, 116.222



49, 17.643, 150.675



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



68, 67.263, 145.259



85, 95.391, 142.660



69, 42.865, 171.813



39, 5.909, 151.780



57, 76.198, 139.995



9, 19.156, 149.578

Inverse Universe

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



48, 65.865, 337.542



57, 89.376, 339.189



45, 54.478, 11.083



37, 5.933, 332.946



35, 66.871, 341.224



3, 16.796, 337.009

Previews

White Background



This preview shows how the CIELCh color 68, 67.262, 145.259 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 68, 67.262, 145.259 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 68, 67.262, 145.259

Background



This preview shows how black text looks on a background with the CIELCh color 68, 67.262, 145.259.



This preview shows how white text looks on a background with the CIELCh color 68, 67.262, 145.259.

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
68, 67.394, 145.371

Protanopia
68, 43.860, 96.329

Deuteranopia
67, 36.157, 76.198



Tritanopia
68, 26.731, 214.419

Trichromacy



Original Color
68, 67.394, 145.371



Protanomaly
67, 48.636, 124.034



Deuteranomaly
66, 38.514, 118.255



Tritanomaly
68, 36.085, 173.035

Monochromacy



Original Color
68, 67.394, 145.371



Achromatopsia
58, 0.007, 296.813



Achromatomaly
61, 26.868, 150.250

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 67.262, 145.259 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(60, 189, 93)` looks like.

```
.text, #text, p{  
    color:rgb(60, 189, 93)  
}
```

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(60, 189, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 189, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 67.262, 145.259 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(60, 189, 93) }
```

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

```
.border{ border-color:rgb(60, 189, 93) }
```

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

Here you see how a box with a 4 pixel rgb(60, 189, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 189, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 189, 93);  
box-shadow:4px 4px 4px 4px rgb(60, 189,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 67.262, 145.259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 189, 93) }
```

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

```
.background{ background-color: rgb(60, 189,  
93) }
```

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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