

Converting Colors

CIELCh(60, 62.120, 146.281)

Have a look what the booklet for
CIELCh(60, 62.120, 146.281)
contains.

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Color

CIELCh(60, 62.113, 146.211)

Conversions

Conversions Part 1

Format	Color
Hex	2BA550
RGB	43, 165, 80
RGB Percent	17%, 65%, 31%
CMY	0.8297, 0.3518, 0.6852
CMYK	0.74, 0.00, 0.51, 0.35
HSL	138°, 58%, 41%
HSV	138°, 74%, 65%
XYZ	15.9804, 28.1233, 12.2274
YIQ	118.8320, -45.4270, -52.2990

Conversions

Conversions Part 2

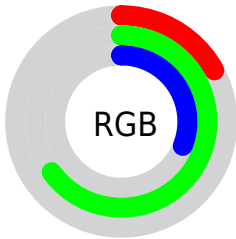
Format	Color
R_{YB}	43, 137, 165
Decimal	2860368
CIE _{Lab}	60.00, -51.62, 34.54
CIE _{LCh}	60, 62.113, 146.211
Yxy	28.1233, 0.2837, 0.4993
Android (android.graphics.Color)	4281050448 (0xFF2BA550)
YUV	118.8320, -19.1442, -66.5047
Hunter-Lab	53.0314, -39.0160, 23.4516

Details

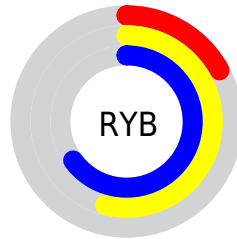
The CIELCh color **60, 62.113, 146.211** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **40, 60.515, 340.749**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **80, 61.965, 146.176**, and **41, 57.467, 141.407** is the 20% darker color. If you saturate the color by 10%, you get **60, 68.226, 144.428**, and if you desaturate by 10%, it is **61, 55.134, 147.829**.

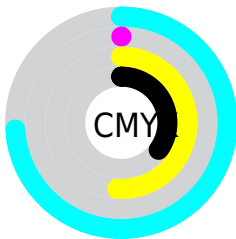
Distribution



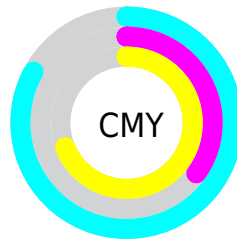
- Red (17%)
- Green (65%)
- Blue (31%)



- Red (17%)
- Yellow (54%)
- Blue (65%)



- Cyan (74%)
- Magenta (0%)
- Yellow (51%)
- Black (35%)





- Cyan (83%)
- Magenta (35%)
- Yellow (69%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 60, 62.113, 146.211 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 60, 62.113, 146.211 by changing the saturation by 10% instead.


 60, 62.113,
146.211


 60, 62.113,
146.211


 100, 62.113,
146.211


 50, 62.113,
146.211


 80, 62.113,
146.211


 40, 62.113,
146.211

 90, 62.113,
146.211


 30, 62.113,
146.211

 20, 62.113,
146.211

 10, 62.113,
146.211

 0, 62.113, 146.211

 60, 62.113,

 60, 62.113,

146.211

146.211

■ 60, 68.226,
144.428

■ 61, 55.134,
147.829

■ 59, 73.388,
142.527

■ 61, 47.417,
149.267

■ 59, 76.223,
141.395

■ 62, 39.122,
150.528

■ 63, 30.417,
151.627

■ 64, 21.463,
152.586

■ 66, 12.401,
153.428

■ 67, 3.351, 154.221

■ 69, 5.598, 334.721

■ 71, 14.377,
335.321

Harmonies

Complementary

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



60, 62.113, 146.211



40, 60.515, 340.749

Rectangle

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



60, 62.113, 146.211



60, 62.113, 196.211



60, 62.113, 326.211



60, 62.113, 16.211

Sweetspot

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



60, 62.113, 146.211



82, 24.567, 152.705



63, 63.064, 118.414



43, 16.475, 152.477



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



60, 62.113, 146.211



75, 86.558, 143.322



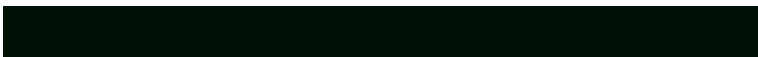
61, 38.822, 175.309



34, 5.045, 153.777



52, 68.992, 141.626



4, 7.998, 153.256

Inverse Universe

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



40, 60.515, 340.749



49, 79.656, 343.032



38, 53.046, 16.833



32, 5.070, 334.968



32, 60.851, 344.640



1, 7.518, 336.785

Previews

White Background



This preview shows how the CIELCh color 60, 62.113, 146.211 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 60, 62.113, 146.211 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 60, 62.113, 146.211

Background



This preview shows how black text looks on a background with the CIELCh color 60, 62.113, 146.211.



This preview shows how white text looks on a background with the CIELCh color 60, 62.113, 146.211.

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
60, 62.113, 146.211

Protanopia
60, 39.434, 96.385

Deuteranopia
60, 32.492, 76.082



Tritanopia
60, 25.263, 213.104

Trichromacy



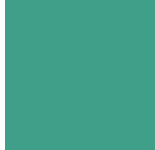
Original Color
60, 62.113, 146.211



Protanomaly
59, 44.132, 125.859



Deuteranomaly
58, 35.288, 120.362



Tritanomaly
60, 33.864, 173.741

Monochromacy



Original Color
60, 62.113, 146.211



Achromatopsia
50, 0.007, 296.813



Achromatomaly
53, 25.028, 151.555

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 62.113, 146.211 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(43, 165, 80)` looks like.

```
.text, #text, p{  
    color:rgb(43, 165, 80)  
}
```

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(43, 165, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 165, 80) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 62.113, 146.211 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(43, 165, 80) }
```

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

```
.border{ border-color:rgb(43, 165, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(43, 165, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 165, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 165, 80);  
box-shadow:4px 4px 4px 4px rgb(43, 165,  
80) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 62.113, 146.211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 165, 80) }
```

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

```
.background{ background-color: rgb(43, 165,  
80) }
```

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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