

Converting Colors

CIELCh(62, 73.014, 142.755)

Have a look what the booklet for
CIELCh(62, 73.014, 142.755)
contains.

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Color

CIELCh(62, 73.244, 142.737)

Conversions

Conversions Part 1

Format	Color
Hex	1CAD41
RGB	28, 173, 65
RGB Percent	11%, 68%, 25%
CMY	0.8887, 0.3227, 0.7462
CMYK	0.84, 0.00, 0.63, 0.32
HSL	135°, 72%, 39%
HSV	135°, 84%, 68%
XYZ	16.3216, 30.4025, 9.9668
YIQ	117.3330, -51.7520, -64.3280

Conversions

Conversions Part 2

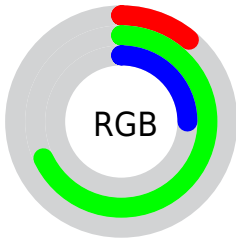
Format	Color
RYB	28, 144, 173
Decimal	1879361
CIELab	62.00, -58.29, 44.35
CIELCh	62, 73.244, 142.737
Yxy	30.4025, 0.2879, 0.5363
Android (android.graphics.Color)	4280069441 (0xFF1CAD41)
YUV	117.3330, -25.8002, -78.3450
Hunter-Lab	55.1385, -43.6544, 27.8797

Details

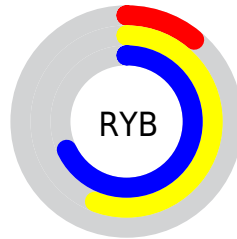
The CIELCh color **62, 73.244, 142.737** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **40, 68.704, 339.199**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **82, 73.407, 142.905**, and **43, 66.700, 136.923** is the 20% darker color. If you saturate the color by 10%, you get **62, 78.620, 140.949**, and if you desaturate by 10%, it is **62, 66.749, 144.450**.

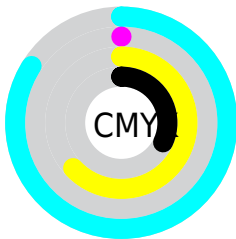
Distribution



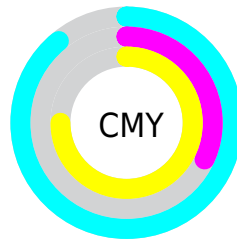
- Red (11%)
- Green (68%)
- Blue (25%)



- Red (11%)
- Yellow (56%)
- Blue (68%)



- Cyan (84%)
- Magenta (0%)
- Yellow (63%)
- Black (32%)





- Cyan (89%)
- Magenta (32%)
- Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 62, 73.244, 142.737 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 62, 73.244, 142.737 by changing the saturation by 10% instead.


 62, 73.244,
142.737


 62, 73.244,
142.737


 100, 73.244,
142.737


 52, 73.244,
142.737


 82, 73.244,
142.737

 42, 73.244,
142.737

 92, 73.244,
142.737

 32, 73.244,
142.737

 22, 73.244,
142.737

 12, 73.244,
142.737

 2, 73.244, 142.737

 0, 73.244, 142.737

■ 62, 73.244,
142.737

■ 62, 73.244,
142.737

■ 62, 78.620,
140.949

■ 62, 66.749,
144.450

■ 62, 81.545,
139.880

■ 63, 59.259,
146.023

■ 64, 50.944,
147.431

■ 65, 41.991,
148.668

■ 66, 32.594,
149.745

■ 67, 22.936,
150.681

■ 68, 13.173,
151.498

■ 70, 3.434, 152.262

Harmonies

Complementary

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



62, 73.244, 142.737



40, 68.704, 339.199

Rectangle

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



62, 73.244, 142.737



62, 73.244, 192.737



62, 73.244, 322.737



62, 73.244, 12.737

Sweetspot

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



62, 73.244, 142.737



85, 30.113, 150.515



66, 69.929, 116.296



44, 20.507, 150.204



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



62, 73.244, 142.737



78, 99.941, 139.543



63, 45.421, 169.310



36, 5.506, 151.818



54, 73.298, 140.099



6, 12.001, 150.719

Inverse Universe

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



40, 68.704, 339.199



50, 86.365, 341.692



38, 59.863, 16.926



34, 5.528, 332.970



33, 64.492, 341.209



2, 10.928, 335.728

Previews

White Background



This preview shows how the CIELCh color 62, 73.244, 142.737 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 62, 73.244, 142.737 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 62, 73.244, 142.737

Background



This preview shows how black text looks on a background with the CIELCh color 62, 73.244, 142.737.



This preview shows how white text looks on a background with the CIELCh color 62, 73.244, 142.737.

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
62, 73.317, 142.797

Protanopia
62, 49.039, 95.533

Deuteranopia
62, 42.316, 79.507



Tritanopia
62, 27.015, 213.137

Trichromacy



Original Color
62, 73.317, 142.797



Protanomaly
60, 54.676, 123.793



Deuteranomaly
60, 45.580, 119.601



Tritanomaly
62, 39.073, 169.576

Monochromacy



Original Color
62, 73.317, 142.797



Achromatopsia
49, 0.007, 296.813



Achromatomaly
53, 30.488, 149.305

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 73.244, 142.737 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(28, 173, 65)` looks like.

```
.text, #text, p{  
    color:rgb(28, 173, 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(28, 173, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 173, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 73.244, 142.737 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(28, 173, 65) }
```

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

```
.border{ border-color:rgb(28, 173, 65) }
```

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

Here you see how a box with a 4 pixel rgb(28, 173, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 173, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 173, 65);  
box-shadow:4px 4px 4px 4px rgb(28, 173,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 73.244, 142.737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 173, 65) }
```

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

```
.background{ background-color: rgb(28, 173,  
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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