

Converting Colors

CIELCh(60, 73.133, 141.386)

Have a look what the booklet for
CIELCh(60, 73.133, 141.386)
contains.

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Color

CIELCh(60, 73.135, 141.406)

Conversions

Conversions Part 1

Format	Color
Hex	1EA739
RGB	30, 167, 57
RGB Percent	12%, 65%, 22%
CMY	0.8839, 0.3459, 0.7772
CMYK	0.82, 0.00, 0.66, 0.35
HSL	132°, 70%, 39%
HSV	132°, 82%, 65%
XYZ	15.0373, 28.1233, 8.4809
YIQ	113.4970, -46.3420, -63.2540

Conversions

Conversions Part 2

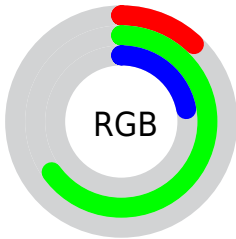
Format	Color
R_{YB}	30, 144, 167
Decimal	2008889
CIE _{Lab}	60.00, -57.16, 45.62
CIE _{LCh}	60, 73.135, 141.406
Yxy	28.1233, 0.2912, 0.5446
Android (android.graphics.Color)	4280198969 (0xFF1EA739)
YUV	113.4970, -27.8530, -73.2269
Hunter-Lab	53.0314, -42.1907, 27.6402

Details

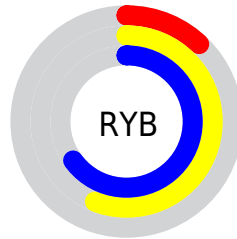
The CIELCh color **60, 73.135, 141.406** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **40, 68.905, 336.242**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **80, 72.846, 141.473**, and **41, 65.714, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **60, 78.488, 139.784**, and if you desaturate by 10%, it is **60, 66.546, 142.997**.

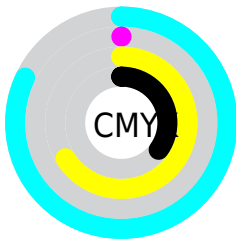
Distribution



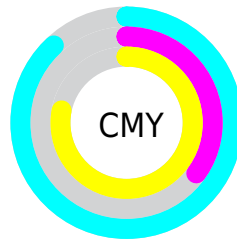
- Red (12%)
- Green (65%)
- Blue (22%)



- Red (12%)
- Yellow (56%)
- Blue (65%)



- Cyan (82%)
- Magenta (0%)
- Yellow (66%)
- Black (35%)





- Cyan (88%)
- Magenta (35%)
- Yellow (78%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 73.135, 141.406 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, 73.135, 141.406 by changing the saturation by 10% instead.


 60, 73.135,
141.406


 60, 73.135,
141.406


 100, 73.135,
141.406


 50, 73.135,
141.406


 80, 73.135,
141.406


 40, 73.135,
141.406

 90, 73.135,
141.406

 30, 73.135,
141.406

 20, 73.135,
141.406

 10, 73.135,
141.406


 0, 73.135, 141.406

 60, 73.135,


 60, 73.135,


141.406


141.406


 60, 78.488,
139.784


 60, 66.546,
142.997


 60, 81.797,
138.657


 61, 58.901,
144.481

 62, 50.403,
145.819

 63, 41.270,
146.999

 64, 31.708,
148.027

 65, 21.907,
148.918

 66, 12.027,
149.694

 68, 2.193, 150.456

Harmonies

Complementary

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



60, 73.135, 141.406



40, 68.905, 336.242

Rectangle

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



60, 73.135, 141.406



60, 73.135, 191.406



60, 73.135, 321.406



60, 73.135, 11.406

Sweetspot

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



60, 73.135, 141.406



82, 30.460, 148.646



64, 66.581, 112.998



43, 20.939, 148.346



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



60, 73.135, 141.406



76, 99.696, 138.487



61, 47.123, 164.336



35, 5.585, 149.907



53, 74.582, 138.829



5, 10.364, 149.529

Inverse Universe

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



40, 68.905, 336.242



49, 87.449, 338.073



37, 56.896, 10.649



33, 5.602, 331.007



33, 66.181, 337.847



2, 9.725, 332.685

Previews

White Background



This preview shows how the CIELCh color 60, 73.135, 141.406 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, 73.135, 141.406 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, 73.135, 141.406

Background



This preview shows how black text looks on a background with the CIELCh color 60, 73.135, 141.406.



This preview shows how white text looks on a background with the CIELCh color 60, 73.135, 141.406.

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, 73.135, 141.406

Protanopia
60, 50.311, 95.913

Deuteranopia
60, 43.260, 80.236



Tritanopia
60, 25.909, 213.987

Trichromacy



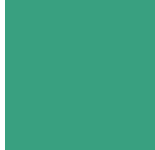
Original Color
60, 73.135, 141.406



Protanomaly
58, 55.155, 122.228



Deuteranomaly
58, 46.998, 118.492



Tritanomaly
59, 38.328, 167.875

Monochromacy



Original Color
60, 73.135, 141.406



Achromatopsia
48, 0.006, 296.813



Achromatomaly
51, 30.605, 147.626

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 73.135, 141.406 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(30, 167, 57)` looks like.

```
.text, #text, p{  
    color:rgb(30, 167, 57)  
}
```

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(30, 167, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 167, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 73.135, 141.406 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(30, 167, 57) }
```

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

```
.border{ border-color:rgb(30, 167, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 167, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 167, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 167, 57);  
box-shadow:4px 4px 4px 4px rgb(30, 167,  
57) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 73.135, 141.406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 167, 57) }
```

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

```
.background{ background-color: rgb(30, 167,  
57) }
```

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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