

Converting Colors

CIELCh(61, 70.585, 144.141)

Have a look what the booklet for
CIELCh(61, 70.585, 144.141)
contains.

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Color

CIELCh(61, 70.651, 144.195)

Conversions

Conversions Part 1

Format	Color
Hex	17AA45
RGB	23, 170, 69
RGB Percent	9%, 67%, 27%
CMY	0.9086, 0.3345, 0.7305
CMYK	0.86, 0.00, 0.60, 0.33
HSL	139°, 76%, 38%
HSV	139°, 86%, 67%
XYZ	15.7441, 29.2481, 10.4010
YIQ	114.5330, -55.1910, -62.5750

Conversions

Conversions Part 2

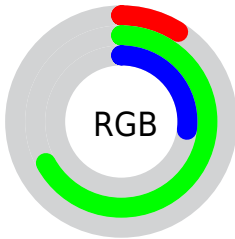
Format	Color
R_{YB}	23, 135, 170
Decimal	1550917
CIE _{Lab}	61.00, -57.30, 41.33
CIE _{LCh}	61, 70.651, 144.195
Yxy	29.2481, 0.2842, 0.5280
Android (android.graphics.Color)	4279740997 (0xFF17AA45)
YUV	114.5330, -22.4478, -80.2744
Hunter-Lab	54.0815, -42.6780, 26.4544

Details

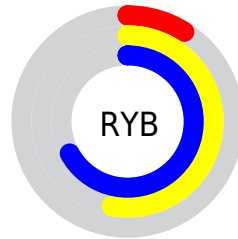
The CIELCh color **61, 70.651, 144.195** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **39, 66.008, 343.015**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **81, 71.128, 144.195**, and **42, 63.795, 138.017** is the 20% darker color. If you saturate the color by 10%, you get **61, 75.658, 142.264**, and if you desaturate by 10%, it is **61, 64.689, 146.032**.

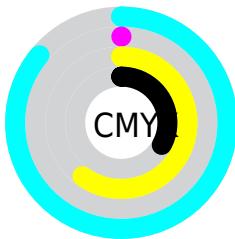
Distribution



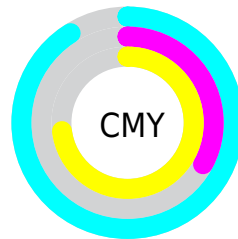
- Red (9%)
- Green (67%)
- Blue (27%)



- Red (9%)
- Yellow (53%)
- Blue (67%)



- Cyan (86%)
- Magenta (0%)
- Yellow (60%)
- Black (33%)





- Cyan (91%)
- Magenta (33%)
- Yellow (73%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 70.651, 144.195 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 61, 70.651, 144.195 by changing the saturation by 10% instead.


 61, 70.651,
144.195


 61, 70.651,
144.195


 100, 70.651,
144.195


 51, 70.651,
144.195


 81, 70.651,
144.195

 41, 70.651,
144.195

 91, 70.651,
144.195

 31, 70.651,
144.195

 21, 70.651,
144.195

 11, 70.651,
144.195

 1, 70.651, 144.195

 0, 70.651, 144.195

■ 61, 70.651,
144.195

■ 61, 70.651,
144.195

■ 61, 75.658,
142.264

■ 61, 64.689,
146.032

■ 61, 77.356,
141.597

■ 62, 57.824,
147.707

■ 63, 50.175,
149.202

■ 63, 41.894,
150.515

■ 64, 33.150,
151.661

■ 66, 24.111,
152.660

■ 67, 14.926,
153.536

■ 68, 5.721, 154.327

Harmonies

Complementary

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



61, 70.651, 144.195



39, 66.008, 343.015

Rectangle

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



61, 70.651, 144.195



61, 70.651, 194.195



61, 70.651, 324.195



61, 70.651, 14.195

Sweetspot

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



61, 70.651, 144.195



84, 29.683, 152.640



64, 70.994, 118.743



44, 20.265, 152.319



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



61, 70.651, 144.195



78, 95.324, 141.206



62, 43.083, 173.345



35, 5.145, 154.091



53, 69.530, 141.842



5, 9.669, 152.990

Inverse Universe

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



39, 66.008, 343.015



49, 82.370, 345.925



37, 61.524, 22.225



33, 5.172, 335.296



32, 61.309, 345.245



2, 8.871, 337.976

Previews

White Background



This preview shows how the CIELCh color 61, 70.651, 144.195 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 CIELCh color 61, 70.651, 144.195 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 61, 70.651, 144.195

Background



This preview shows how black text looks on a background with the CIELCh color 61, 70.651, 144.195.



This preview shows how white text looks on a background with the CIELCh color 61, 70.651, 144.195.

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
61, 70.715, 144.248

Protanopia
61, 45.919, 95.194

Deuteranopia
60, 39.388, 78.479



Tritanopia
61, 26.943, 213.220

Trichromacy



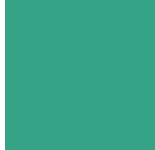
Original Color
61, 70.715, 144.248



Protanomaly
59, 51.914, 125.517



Deuteranomaly
58, 43.072, 121.815



Tritanomaly
60, 38.511, 170.908

Monochromacy



Original Color
61, 70.715, 144.248



Achromatopsia
48, 0.006, 296.813



Achromatomaly
51, 29.514, 151.801

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 70.651, 144.195 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(23, 170, 69)` looks like.

```
.text, #text, p{  
    color:rgb(23, 170, 69)  
}
```

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(23, 170, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 170, 69) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 70.651, 144.195 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(23, 170, 69) }
```

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

```
.border{ border-color:rgb(23, 170, 69) }
```

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

Here you see how a box with a 4 pixel rgb(23, 170, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 170, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 170, 69);  
box-shadow:4px 4px 4px 4px rgb(23, 170,  
69) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 70.651, 144.195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 170, 69) }
```

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

```
.background{ background-color: rgb(23, 170,  
69) }
```

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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