

Converting Colors

CIELCh(61, 66.202, 144.035)

Have a look what the booklet for
CIELCh(61, 66.202, 144.035)
contains.

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Color

CIELCh(61, 66.459, 144.018)

Conversions

Conversions Part 1

Format	Color
Hex	2BA94A
RGB	43, 169, 74
RGB Percent	17%, 66%, 29%
CMY	0.8296, 0.3387, 0.7112
CMYK	0.74, 0.00, 0.56, 0.34
HSL	134°, 59%, 42%
HSV	134°, 74%, 66%
XYZ	16.3574, 29.2481, 11.2009
YIQ	120.4960, -44.6010, -56.2570

Conversions

Conversions Part 2

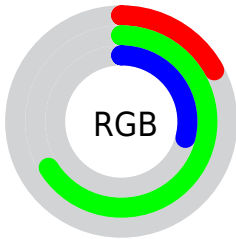
Format	Color
R_{YB}	43, 144, 169
Decimal	2861386
CIE _{Lab}	61.00, -53.78, 39.05
CIE _{LCh}	61, 66.459, 144.018
Yxy	29.2481, 0.2879, 0.5149
Android (android.graphics.Color)	4281051466 (0xFF2BA94A)
YUV	120.4960, -22.9225, -67.9640
Hunter-Lab	54.0815, -40.6539, 25.5774

Details

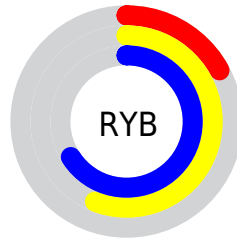
The CIELCh color **61, 66.459, 144.018** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **41, 64.165, 337.626**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **81, 66.396, 144.062**, and **42, 61.192, 139.515** is the 20% darker color. If you saturate the color by 10%, you get **61, 72.800, 142.323**, and if you desaturate by 10%, it is **62, 59.117, 145.585**.

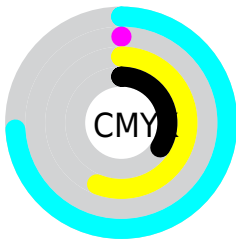
Distribution



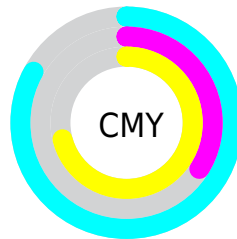
- Red (17%)
- Green (66%)
- Blue (29%)



- Red (17%)
- Yellow (56%)
- Blue (66%)



- Cyan (74%)
- Magenta (0%)
- Yellow (56%)
- Black (34%)





- Cyan (83%)
- Magenta (34%)
- Yellow (71%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 61, 66.459, 144.018 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, 66.459, 144.018 by changing the saturation by 10% instead.


 61, 66.459,
144.018


 61, 66.459,
144.018


 100, 66.459,
144.018


 51, 66.459,
144.018


 81, 66.459,
144.018

 41, 66.459,
144.018

 91, 66.459,
144.018

 31, 66.459,
144.018

 21, 66.459,
144.018

 11, 66.459,
144.018

 1, 66.459, 144.018

 0, 66.459, 144.018

■ 61, 66.459,
144.018

■ 61, 66.459,
144.018

■ 61, 72.800,
142.323

■ 62, 59.117,
145.585

■ 60, 78.007,
140.566

■ 62, 50.940,
146.992

■ 60, 80.559,
139.645

■ 63, 42.120,
148.230

■ 64, 32.850,
149.309

■ 65, 23.312,
150.246

■ 67, 13.663,
151.063

■ 68, 4.033, 151.814

■ 70, 5.481, 332.304

■ 72, 14.805,
332.873

Harmonies

Complementary

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



61, 66.459, 144.018



41, 64.165, 337.626

Rectangle

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



61, 66.459, 144.018



61, 66.459, 194.018



61, 66.459, 324.018



61, 66.459, 14.018

Sweetspot

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



61, 66.459, 144.018



83, 26.215, 150.404



65, 63.477, 115.389



44, 17.588, 150.181



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



61, 66.459, 144.018



77, 92.762, 141.203



62, 42.305, 169.571



35, 5.413, 151.433



53, 72.806, 139.852



5, 10.093, 150.800

Inverse Universe

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



41, 64.165, 337.626



50, 84.612, 339.440



39, 53.573, 11.709



33, 5.434, 332.570



33, 64.174, 340.501



2, 9.377, 334.668

Previews

White Background



This preview shows how the CIELCh color 61, 66.459, 144.018 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 61, 66.459, 144.018 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, 66.459, 144.018

Background



This preview shows how black text looks on a background with the CIELCh color 61, 66.459, 144.018.



This preview shows how white text looks on a background with the CIELCh color 61, 66.459, 144.018.

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, 66.570, 144.117

Protanopia
60, 43.468, 95.576

Deuteranopia
60, 36.754, 77.651



Tritanopia
61, 25.342, 214.387

Trichromacy



Original Color
61, 66.570, 144.117



Protanomaly
59, 48.091, 123.343



Deuteranomaly
59, 39.815, 118.998



Tritanomaly
61, 35.223, 171.686

Monochromacy



Original Color
61, 66.570, 144.117



Achromatopsia
50, 0.007, 296.813



Achromatomaly
53, 27.223, 149.378

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 66.459, 144.018 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, 169, 74)` looks like.

```
.text, #text, p{  
    color:rgb(43, 169, 74)  
}
```

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, 169, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(43, 169, 74) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 66.459, 144.018 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, 169, 74) }
```

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

```
.border{ border-color:rgb(43, 169, 74) }
```

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

Here you see how a box with a 4 pixel rgb(43, 169, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(43, 169, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(43, 169, 74);  
box-shadow:4px 4px 4px 4px rgb(43, 169,  
74) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 66.459, 144.018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(43, 169, 74) }
```

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

```
.background{ background-color: rgb(43, 169,  
74) }
```

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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