

Converting Colors

CIELCh(59, 65.729, 147.829)

Have a look what the booklet for
CIELCh(59, 65.729, 147.829)
contains.

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Color

CIELCh(59, 65.693, 147.886)

Conversions

Conversions Part 1

Format	Color
Hex	00A44D
RGB	0, 164, 77
RGB Percent	0%, 64%, 30%
CMY	1.0000, 0.3574, 0.6986
CMYK	1.00, 0.00, 0.53, 0.36
HSL	148°, 100%, 32%
HSV	148°, 100%, 64%
XYZ	14.5765, 27.0277, 11.4450
YIQ	105.0460, -69.8170, -61.8250

Conversions

Conversions Part 2

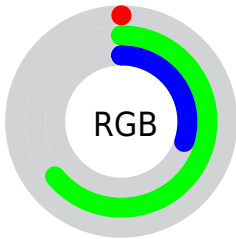
Format	Color
RYB	0, 112, 164
Decimal	42061
CIELab	59.00, -55.64, 34.92
CIELCh	59, 65.693, 147.886
Yxy	27.0277, 0.2748, 0.5095
Android (android.graphics.Color)	4278232141 (0xFF00A44D)
YUV	105.0460, -13.8267, -92.1253
Hunter-Lab	51.9882, -40.9313, 23.3393

Details

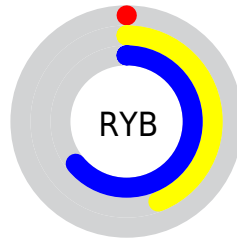
The CIELCh color **59, 65.693, 147.886** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **35, 61.326, 358.709**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **79, 65.518, 147.977**, and **40, 58.014, 140.720** is the 20% darker color. If you saturate the color by 10%, you get **59, 65.672, 147.869**, and if you desaturate by 10%, it is **59, 61.524, 149.990**.

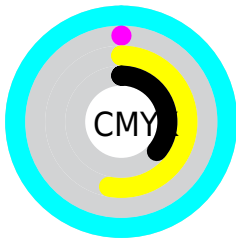
Distribution



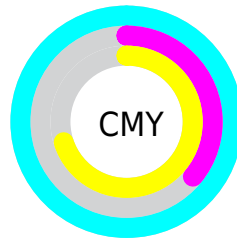
- Red (0%)
- Green (64%)
- Blue (30%)



- Red (0%)
- Yellow (44%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (53%)
- Black (36%)





- Cyan (100%)
- Magenta (36%)
- Yellow (70%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 65.693, 147.886 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 59, 65.693, 147.886 by changing the saturation by 10% instead.


 59, 65.693,
147.886


 59, 65.693,
147.886


 100, 65.693,
147.886


 49, 65.693,
147.886


 79, 65.693,
147.886

 39, 65.693,
147.886

 89, 65.693,
147.886

 29, 65.693,
147.886

 99, 65.693,
147.886

 19, 65.693,
147.886

 9, 65.693, 147.886

 0, 65.693, 147.886

■ 59, 65.693,
147.886

■ 59, 65.693,
147.886

■ 59, 65.672,
147.869

■ 59, 61.524,
149.990

■ 60, 56.788,
152.029

■ 60, 51.327,
153.870

■ 61, 45.179,
155.507

■ 61, 38.431,
156.952

■ 62, 31.201,
158.226

■ 63, 23.621,
159.352

■ 64, 15.820,

160.355

■ 66, 7.912, 161.266

Harmonies

Complementary

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



59, 65.693, 147.886



35, 61.326, 358.709

Rectangle

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



59, 65.693, 147.886



59, 65.693, 197.886



59, 65.693, 327.886



59, 65.693, 17.886

Sweetspot

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



59, 65.672, 147.869



81, 29.366, 159.292



60, 77.398, 126.749



42, 19.935, 158.855



93, 0.011, 296.813



45, 0.006, 296.813

Same Dimension

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



59, 65.672, 147.869



76, 80.951, 147.404



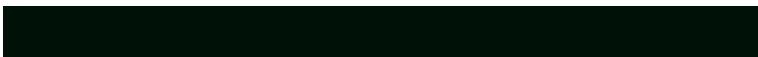
61, 36.949, 191.442



34, 4.460, 161.331



53, 59.835, 148.119



4, 7.169, 159.824

Inverse Universe

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



35, 61.326, 358.709



46, 74.691, 359.525



34, 73.537, 38.431



32, 4.509, 342.716



31, 56.238, 358.283



1, 6.710, 344.689

Previews

White Background



This preview shows how the CIELCh color 59, 65.693, 147.886 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 59, 65.693, 147.886 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 59, 65.693, 147.886

Background



This preview shows how black text looks on a background with the CIELCh color 59, 65.693, 147.886.



This preview shows how white text looks on a background with the CIELCh color 59, 65.693, 147.886.

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
59, 65.693, 147.886

Protanopia
59, 40.114, 95.676

Deuteranopia
59, 33.310, 77.417



Tritanopia
59, 26.989, 213.245

Trichromacy



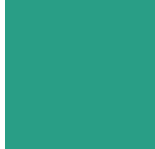
Original Color
59, 65.693, 147.886



Protanomaly
57, 47.071, 131.675



Deuteranomaly
56, 38.653, 129.231



Tritanomaly
59, 37.754, 174.843

Monochromacy



Original Color
59, 65.693, 147.886



Achromatopsia
44, 0.006, 296.813



Achromatomaly
48, 29.103, 157.783

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 65.693, 147.886 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(0, 164, 77)` looks like.

```
.text, #text, p{  
    color:rgb(0, 164, 77)  
}
```

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(0, 164, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 164, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 65.693, 147.886 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(0, 164, 77) }
```

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

```
.border{ border-color:rgb(0, 164, 77) }
```

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

Here you see how a box with a 4 pixel rgb(0, 164, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 164, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 164, 77);  
box-shadow:4px 4px 4px 4px rgb(0, 164, 77)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 59, 65.693, 147.886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 164, 77) }
```

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

```
.background{ background-color: rgb(0, 164,  
77) }
```

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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