

Converting Colors

CIELCh(59, 84.059, 134.510)

Have a look what the booklet for
CIELCh(59, 84.059, 134.510)
contains.

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Color

CIELCh(59, 83.998, 134.511)

Conversions

Conversions Part 1

Format	Color
Hex	24A403
RGB	36, 164, 3
RGB Percent	14%, 64%, 1%
CMY	0.8607, 0.3557, 0.9897
CMYK	0.78, 0.00, 0.98, 0.36
HSL	108°, 97%, 33%
HSV	108°, 98%, 64%
XYZ	14.0527, 27.0277, 4.5513
YIQ	107.3740, -24.6070, -77.2070

Conversions

Conversions Part 2

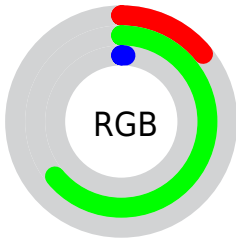
Format	Color
RYB	3, 164, 131
Decimal	2401283
CIELab	59.00, -58.89, 59.90
CIELCh	59, 83.998, 134.511
Yxy	27.0277, 0.3080, 0.5923
Android (android.graphics.Color)	4280591363 (0xFF24A403)
YUV	107.3740, -51.4564, -62.5950
Hunter-Lab	51.9882, -42.7298, 31.2012

Details

The CIELCh color **59, 83.998, 134.511** is a dark color, and the websafe version is hex **009900**. A complement of this color would be **33, 84.322, 320.709**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **79, 83.601, 134.583**, and **40, 64.885, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **59, 84.493, 134.527**, and if you desaturate by 10%, it is **59, 80.482, 134.284**.

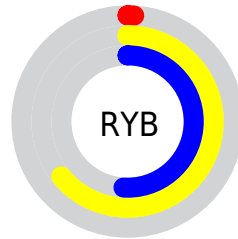
Distribution



Red (14%)

Green (64%)

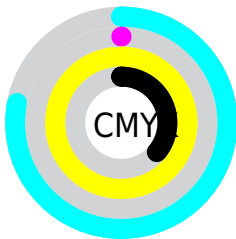
Blue (1%)



Red (1%)

Yellow (64%)

Blue (51%)

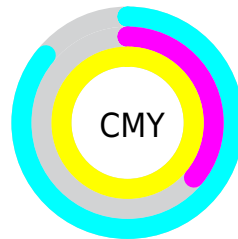


Cyan (78%)

Magenta (0%)

Yellow (98%)

Black (36%)



Cyan (86%)


Magenta (36%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 59, 83.998, 134.511 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, 83.998, 134.511 by changing the saturation by 10% instead.


 59, 83.998,
134.511


 59, 83.998,
134.511


 100, 83.998,
134.511


 49, 83.998,
134.511


 79, 83.998,
134.511

 39, 83.998,
134.511

 89, 83.998,
134.511

 29, 83.998,
134.511

 99, 83.998,
134.511

 19, 83.998,
134.511

 9, 83.998, 134.511

 0, 83.998, 134.511

■ 59, 83.998,
134.511

■ 59, 83.998,
134.511

■ 59, 84.493,
134.527

■ 59, 80.482,
134.284

■ 60, 75.109,
134.361

■ 60, 67.968,
134.748

■ 61, 59.489,
135.322

■ 62, 50.084,
135.976

■ 63, 40.087,
136.637

■ 64, 29.749,
137.264

■ 65, 19.259,

137.837

■ 66, 8.754, 138.354

Harmonies

Complementary

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



59, 83.998, 134.511



33, 84.322, 320.709

Rectangle

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



59, 83.998, 134.511



59, 83.998, 184.511



59, 83.998, 314.511



59, 83.998, 4.511

Sweetspot

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



59, 83.997, 134.512



81, 38.985, 137.132



56, 60.738, 86.820



42, 26.519, 136.884



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, 83.997, 134.512



75, 103.171, 134.705



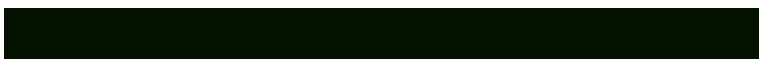
59, 76.172, 141.095



34, 5.866, 138.311



53, 77.130, 134.425



4, 9.162, 139.282

Inverse Universe

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



33, 84.322, 320.709



43, 103.331, 320.517



37, 67.113, 343.236



32, 5.899, 319.092



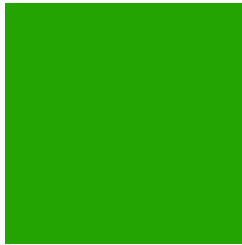
29, 77.465, 320.720



1, 8.985, 317.234

Previews

White Background



This preview shows how the CIE LCh color 59, 83.998, 134.511 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, 83.998, 134.511 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, 83.998, 134.511

Background



This preview shows how black text looks on a background with the CIELCh color 59, 83.998, 134.511.



This preview shows how white text looks on a background with the CIELCh color 59, 83.998, 134.511.

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, 83.790, 134.487

Protanopia

58, 62.972, 95.090

Deuteranopia

59, 56.001, 82.522



Tritanopia
59, 24.374, 213.798

Trichromacy



Original Color
59, 83.790, 134.487



Protanomaly
57, 66.984, 116.422



Deuteranomaly
57, 60.179, 111.608



Tritanomaly
58, 44.380, 155.343

Monochromacy



Original Color
59, 83.790, 134.487



Achromatopsia
45, 0.006, 296.813



Achromatomaly
49, 39.031, 136.196

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 83.998, 134.511 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(36, 164, 3)` looks like.

```
.text, #text, p{  
    color:rgb(36, 164, 3)  
}
```

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(36, 164, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 164, 3) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 83.998, 134.511 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(36, 164, 3) }
```

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

```
.border{ border-color:rgb(36, 164, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 164, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 164, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 164, 3);  
box-shadow:4px 4px 4px 4px rgb(36, 164, 3)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 59, 83.998, 134.511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 164, 3) }
```

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

```
.background{ background-color: rgb(36, 164,  
3) }
```

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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