

Converting Colors

CIELCh(58, 71.074, 143.552)

Have a look what the booklet for
CIELCh(58, 71.074, 143.552)
contains.

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Color

CIELCh(58, 70.976, 143.520)

Conversions

Conversions Part 1

Format	Color
Hex	04A13B
RGB	4, 161, 59
RGB Percent	2%, 63%, 23%
CMY	0.9831, 0.3672, 0.7673
CMYK	0.97, 0.00, 0.63, 0.37
HSL	141°, 95%, 32%
HSV	141°, 97%, 63%
XYZ	13.6589, 25.9610, 8.4735
YIQ	102.4290, -60.8300, -65.0060

Conversions

Conversions Part 2

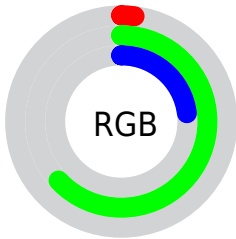
Format	Color
RYB	4, 120, 161
Decimal	303419
CIELab	58.00, -57.07, 42.20
CIELCh	58, 70.976, 143.520
Yxy	25.9610, 0.2840, 0.5398
Android (android.graphics.Color)	4278493499 (0xFF04A13B)
YUV	102.4290, -21.4105, -86.3222
Hunter-Lab	50.9519, -41.3146, 25.8062

Details

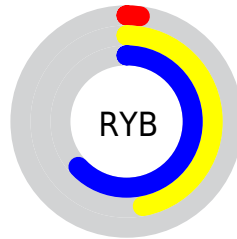
The CIELCh color **58, 70.976, 143.520** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **36, 63.492, 347.886**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **78, 70.887, 143.452**, and **39, 63.199, 136.299** is the 20% darker color. If you saturate the color by 10%, you get **58, 72.150, 143.027**, and if you desaturate by 10%, it is **58, 66.286, 145.511**.

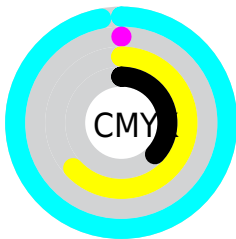
Distribution



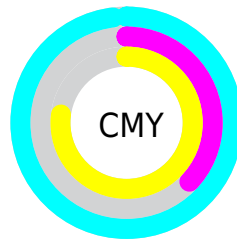
- Red (2%)
- Green (63%)
- Blue (23%)



- Red (2%)
- Yellow (47%)
- Blue (63%)



- Cyan (97%)
- Magenta (0%)
- Yellow (63%)
- Black (37%)





- Cyan (98%)
- Magenta (37%)
- Yellow (77%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 70.976, 143.520 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 58, 70.976, 143.520 by changing the saturation by 10% instead.


 58, 70.976,
143.520


 58, 70.976,
143.520


 100, 70.976,
143.520


 48, 70.976,
143.520


 78, 70.976,
143.520

 38, 70.976,
143.520

 88, 70.976,
143.520

 28, 70.976,
143.520

 98, 70.976,
143.520

 18, 70.976,
143.520

 8, 70.976, 143.520

 0, 70.976, 143.520

■ 58, 70.976,
143.520

■ 58, 70.976,
143.520

■ 58, 72.150,
143.027

■ 58, 66.286,
145.511

■ 59, 60.783,
147.404

■ 59, 54.467,
149.122

■ 60, 47.429,
150.651

■ 61, 39.796,
151.995

■ 61, 31.717,
153.171

■ 63, 23.342,
154.200

■ 64, 14.811,

155.105

■ 65, 6.240, 155.922

Harmonies

Complementary

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



58, 70.976, 143.520



36, 63.492, 347.886

Rectangle

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



58, 70.976, 143.520



58, 70.976, 193.520



58, 70.976, 323.520



58, 70.976, 13.520

Sweetspot

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



58, 70.976, 143.520



79, 30.570, 153.984



61, 72.868, 121.822



41, 20.893, 153.576



92, 0.011, 296.813



44, 0.006, 296.813

Same Dimension

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



58, 70.976, 143.520



74, 88.309, 142.606



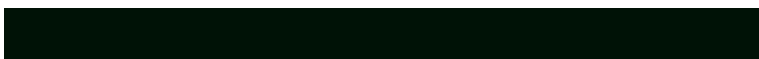
59, 41.009, 176.786



34, 4.869, 155.766



53, 66.529, 143.229



4, 7.750, 155.000

Inverse Universe

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



36, 63.492, 347.886



46, 77.009, 348.994



34, 66.429, 31.237



32, 4.900, 337.009



32, 59.146, 348.236



1, 7.258, 339.000

Previews

White Background



This preview shows how the CIELCh color 58, 70.976, 143.520 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 58, 70.976, 143.520 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 58, 70.976, 143.520

Background



This preview shows how black text looks on a background with the CIELCh color 58, 70.976, 143.520.



This preview shows how white text looks on a background with the CIELCh color 58, 70.976, 143.520.

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
58, 70.937, 143.488

Protanopia
58, 46.882, 95.525

Deuteranopia
58, 40.447, 79.231



Tritanopia
58, 26.140, 212.549

Trichromacy



Original Color
58, 70.937, 143.488



Protanomaly
56, 53.173, 126.793



Deuteranomaly
55, 44.932, 123.812



Tritanomaly
57, 38.943, 169.877

Monochromacy



Original Color
58, 70.937, 143.488



Achromatopsia
44, 0.006, 296.813



Achromatomaly
47, 31.244, 152.320

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 70.976, 143.520 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(4, 161, 59)` looks like.

```
.text, #text, p{  
    color:rgb(4, 161, 59)  
}
```

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(4, 161, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 161, 59) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 70.976, 143.520 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(4, 161, 59) }
```

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

```
.border{ border-color:rgb(4, 161, 59) }
```

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

Here you see how a box with a 4 pixel rgb(4, 161, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 161, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 161, 59);  
box-shadow:4px 4px 4px 4px rgb(4, 161, 59)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 58, 70.976, 143.520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 161, 59) }
```

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

```
.background{ background-color: rgb(4, 161,  
59) }
```

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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