

Converting Colors

CIELCh(58, 69.911, 144.254)

Have a look what the booklet for
CIELCh(58, 69.911, 144.254)
contains.

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Color

CIELCh(58, 69.873, 144.222)

Conversions

Conversions Part 1

Format	Color
Hex	04A13E
RGB	4, 161, 62
RGB Percent	2%, 63%, 24%
CMY	0.9843, 0.3676, 0.7559
CMYK	0.98, 0.00, 0.61, 0.37
HSL	142°, 95%, 32%
HSV	142°, 98%, 63%
XYZ	13.7188, 25.9610, 8.8809
YIQ	102.7710, -61.7930, -64.0730

Conversions

Conversions Part 2

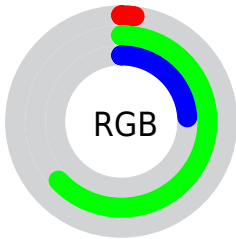
Format	Color
RYB	4, 119, 161
Decimal	303422
CIELab	58.00, -56.69, 40.85
CIELCh	58, 69.873, 144.222
Yxy	25.9610, 0.2825, 0.5346
Android (android.graphics.Color)	4278493502 (0xFF04A13E)
YUV	102.7710, -20.1001, -86.6222
Hunter-Lab	50.9519, -41.1048, 25.3321

Details

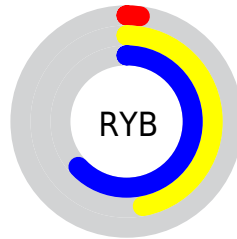
The CIELCh color **58, 69.873, 144.222** is a dark color, and the websafe version is hex **009933**. A complement of this color would be **35, 62.805, 349.482**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **78, 69.704, 144.173**, and **39, 62.148, 136.991** is the 20% darker color. If you saturate the color by 10%, you get **58, 70.958, 143.753**, and if you desaturate by 10%, it is **58, 65.250, 146.246**.

Distribution



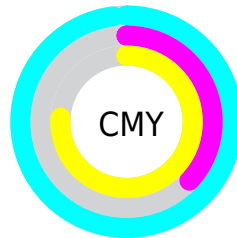
- Red (2%)
- Green (63%)
- Blue (24%)



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



- Cyan (98%)
- Magenta (0%)
- Yellow (61%)
- Black (37%)




- Cyan (98%)
- Magenta (37%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 69.873, 144.222 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, 69.873, 144.222 by changing the saturation by 10% instead.

 58, 69.873,
144.222

 58, 69.873,
144.222

 100, 69.873,
144.222


 48, 69.873,
144.222


 78, 69.873,
144.222

 38, 69.873,
144.222

 88, 69.873,
144.222

 28, 69.873,
144.222

 98, 69.873,
144.222

 18, 69.873,
144.222

 8, 69.873, 144.222

 0, 69.873, 144.222

■ 58, 69.873,
144.222

■ 58, 69.873,
144.222

■ 58, 70.958,
143.753

■ 58, 65.250,
146.246

■ 59, 59.853,
148.163

■ 59, 53.665,
149.899

■ 60, 46.769,
151.443

■ 61, 39.285,
152.800

■ 61, 31.357,
153.989

■ 63, 23.129,
155.031

■ 64, 14.739,

155.949

■ 65, 6.302, 156.780

Harmonies

Complementary

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



58, 69.873, 144.222



35, 62.805, 349.482

Rectangle

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



58, 69.873, 144.222



58, 69.873, 194.222



58, 69.873, 324.222



58, 69.873, 14.222

Sweetspot

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



58, 69.873, 144.222



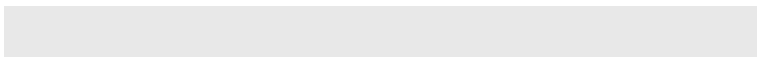
79, 30.100, 154.830



60, 73.276, 122.566



41, 20.568, 154.419



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, 69.873, 144.222



74, 86.895, 143.323



59, 40.229, 178.660



34, 4.797, 156.636



53, 65.454, 143.958



4, 7.648, 155.760

Inverse Universe

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



35, 62.805, 349.482



46, 76.199, 350.643



33, 67.222, 32.427



32, 4.831, 337.902



31, 58.518, 349.817



1, 7.157, 339.939

Previews

White Background



This preview shows how the CIELCh color 58, 69.873, 144.222 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, 69.873, 144.222 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, 69.873, 144.222

Background



This preview shows how black text looks on a background with the CIELCh color 58, 69.873, 144.222.



This preview shows how white text looks on a background with the CIELCh color 58, 69.873, 144.222.

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, 69.834, 144.191

Protanopia
58, 45.438, 96.015

Deuteranopia
58, 38.782, 79.070



Tritanopia
58, 26.327, 212.424

Trichromacy



Original Color
58, 69.834, 144.191



Protanomaly
56, 52.076, 127.821



Deuteranomaly
55, 43.528, 124.529



Tritanomaly
58, 38.739, 170.668

Monochromacy



Original Color
58, 69.834, 144.191



Achromatopsia
44, 0.006, 296.813



Achromatomaly
47, 30.807, 153.048

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 69.873, 144.222 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, 62)` looks like.

```
.text, #text, p{  
    color:rgb(4, 161, 62)  
}
```

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, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 161, 62) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 69.873, 144.222 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, 62) }
```

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

```
.border{ border-color:rgb(4, 161, 62) }
```

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, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 161, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 161, 62);  
box-shadow:4px 4px 4px 4px rgb(4, 161, 62)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 58, 69.873, 144.222 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, 62) }
```

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

```
.background{ background-color: rgb(4, 161,  
62) }
```

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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