

Converting Colors

CIELCh(51, 75.179, 134.456)

Have a look what the booklet for
CIELCh(51, 75.179, 134.456)
contains.

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Color

CIELCh(51, 75.234, 134.446)

Conversions

Conversions Part 1

Format	Color
Hex	1D8D01
RGB	29, 141, 1
RGB Percent	11%, 55%, 0%
CMY	0.8872, 0.4476, 0.9970
CMYK	0.80, 0.00, 0.99, 0.45
HSL	108°, 99%, 28%
HSV	108°, 99%, 55%
XYZ	10.0087, 19.2686, 3.2135
YIQ	91.5520, -21.8120, -67.2840

Conversions

Conversions Part 2

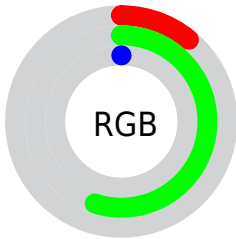
Format	Color
RYB	1, 141, 113
Decimal	1936641
CIELab	51.00, -52.68, 53.71
CIELCh	51, 75.234, 134.446
Yxy	19.2686, 0.3080, 0.5930
Android (android.graphics.Color)	4280126721 (0xFF1D8D01)
YUV	91.5520, -44.6421, -54.8581
Hunter-Lab	43.8960, -36.1182, 26.3867

Details

The CIELCh color **51, 75.234, 134.446** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **28, 75.509, 320.879**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **71, 75.451, 134.348**, and **32, 55.577, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **51, 75.405, 134.442**, and if you desaturate by 10%, it is **51, 71.918, 134.341**.

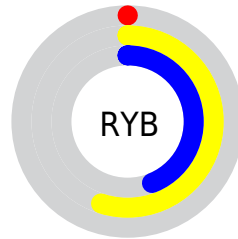
Distribution



Red (11%)

Green (55%)

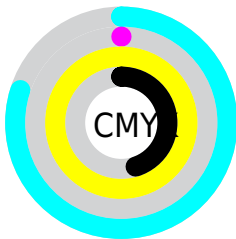
Blue (0%)



Red (0%)

Yellow (55%)

Blue (44%)

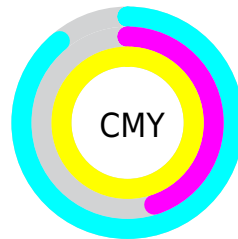


Cyan (80%)

Magenta (0%)

Yellow (99%)

Black (45%)



Cyan (89%)


Magenta (45%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 75.234, 134.446 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 51, 75.234, 134.446 by changing the saturation by 10% instead.


 51, 75.234,
134.446

 51, 75.234,
134.446


 100, 75.234,
134.446


 41, 75.234,
134.446


 71, 75.234,
134.446

 31, 75.234,
134.446

 81, 75.234,
134.446

 21, 75.234,
134.446

 91, 75.234,
134.446

 11, 75.234,
134.446

 1, 75.234, 134.446

 0, 75.234, 134.446

■ 51, 75.234,
134.446

■ 51, 75.234,
134.446

■ 51, 75.405,
134.442

■ 51, 71.918,
134.341

■ 52, 67.177,
134.429

■ 52, 60.892,
134.818

■ 53, 53.433,
135.390

■ 53, 45.156,
136.040

■ 54, 36.350,
136.698

■ 55, 27.237,
137.324

■ 56, 17.981,

137.896

■ 57, 8.703, 138.413

Harmonies

Complementary

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



51, 75.234, 134.446



28, 75.509, 320.879

Rectangle

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



51, 75.234, 134.446



51, 75.234, 184.446



51, 75.234, 314.446



51, 75.234, 4.446

Sweetspot

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



51, 75.234, 134.447



70, 34.432, 137.252



49, 54.911, 88.318



36, 23.384, 137.024



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



51, 75.234, 134.447



65, 91.883, 134.651



51, 67.234, 141.701



30, 5.255, 138.426



49, 73.134, 134.403



2, 3.541, 138.819

Inverse Universe

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



28, 75.509, 320.879



37, 92.014, 320.715



31, 59.530, 344.321



28, 5.284, 319.191



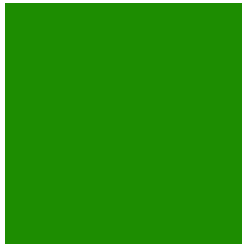
27, 73.422, 320.889



1, 3.541, 318.815

Previews

White Background



This preview shows how the CIELCh color 51, 75.234, 134.446 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 51, 75.234, 134.446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

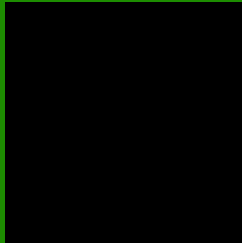
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 51, 75.234, 134.446

Background



This preview shows how black text looks on a background with the CIELCh color 51, 75.234, 134.446.



This preview shows how white text looks on a background with the CIELCh color 51, 75.234, 134.446.

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

51, 75.234, 134.446

Protanopia

51, 56.336, 95.422

Deuteranopia

51, 49.614, 82.640



Tritanopia
51, 21.831, 214.697

Trichromacy



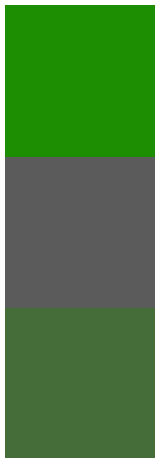
Original Color
51, 75.234, 134.446

Protanomaly
49, 60.183, 116.581

Deuteranomaly
49, 53.536, 111.918

Tritanomaly
50, 39.630, 155.668

Monochromacy



Original Color
51, 75.234, 134.446

Achromatopsia
39, 0.005, 296.813

Achromatomaly
42, 34.803, 136.395

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 75.234, 134.446 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(29, 141, 1)` looks like.

```
.text, #text, p{  
    color:rgb(29, 141, 1)  
}
```

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(29, 141, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 141, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 75.234, 134.446 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(29, 141, 1) }
```

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

```
.border{ border-color:rgb(29, 141, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 141, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 141, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 141, 1);  
box-shadow:4px 4px 4px 4px rgb(29, 141, 1)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 51, 75.234, 134.446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 141, 1) }
```

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

```
.background{ background-color: rgb(29, 141,  
1) }
```

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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