

Converting Colors

CIELCh(50, 70.281, 131.106)

Have a look what the booklet for
CIELCh(50, 70.281, 131.106)
contains.

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Color

CIELCh(50, 70.216, 131.191)

Conversions

Conversions Part 1

Format	Color
Hex	348802
RGB	52, 136, 2
RGB Percent	20%, 53%, 1%
CMY	0.7950, 0.4657, 0.9905
CMYK	0.62, 0.00, 0.98, 0.47
HSL	98°, 97%, 27%
HSV	98°, 98%, 53%
XYZ	10.2819, 18.4187, 3.0824
YIQ	95.6080, -7.0500, -59.4820

Conversions

Conversions Part 2

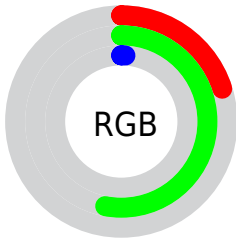
Format	Color
R_{YB}	2, 136, 86
Decimal	3442690
CIE _{Lab}	50.00, -46.24, 52.84
CIE _{LCh}	50, 70.216, 131.191
Yxy	18.4187, 0.3235, 0.5795
Android (android.graphics.Color)	4281632770 (0xFF348802)
YUV	95.6080, -46.1487, -38.2442
Hunter-Lab	42.9170, -32.3401, 25.7836

Details

The CIELCh color **50, 70.216, 131.191** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **23, 75.391, 315.499**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **70, 70.051, 131.151**, and **31, 53.844, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **50, 70.821, 131.267**, and if you desaturate by 10%, it is **50, 66.667, 130.624**.

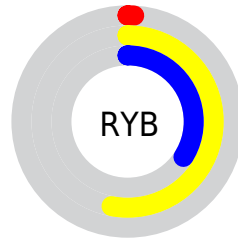
Distribution



Red (20%)

Green (53%)

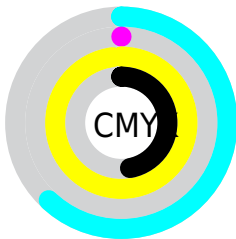
Blue (1%)



Red (1%)

Yellow (53%)

Blue (34%)

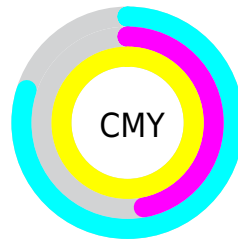


Cyan (62%)

Magenta (0%)

Yellow (98%)

Black (47%)



Cyan (80%)


Magenta (47%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 50, 70.216, 131.191 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 50, 70.216, 131.191 by changing the saturation by 10% instead.


 50, 70.216,
131.191


 50, 70.216,
131.191


 100, 70.216,
131.191


 40, 70.216,
131.191


 70, 70.216,
131.191

 30, 70.216,
131.191


 80, 70.216,
131.191


 20, 70.216,
131.191

 90, 70.216,
131.191

 10, 70.216,
131.191

 0, 70.216, 131.191

 50, 70.216,
131.191

 50, 70.216,
131.191

■ 50, 70.821,
131.267

■ 50, 66.667,
130.624

■ 51, 61.816,
130.359

■ 51, 55.655,
130.438

■ 52, 48.526,
130.743

■ 52, 40.744,
131.174

■ 53, 32.549,
131.658

■ 54, 24.117,
132.150

■ 55, 15.573,
132.625

■ 56, 7.009, 133.074

Harmonies

Complementary

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



50, 70.216, 131.191



23, 75.391, 315.499

Rectangle

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



50, 70.216, 131.191



50, 70.216, 181.191



50, 70.216, 311.191



50, 70.216, 1.191

Sweetspot

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



50, 70.216, 131.192



68, 30.525, 132.082



41, 51.141, 72.154



36, 21.088, 131.898



87, 0.010, 296.813



38, 0.005, 296.813

Same Dimension

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



50, 70.216, 131.192



63, 85.742, 131.584



49, 72.090, 137.574



29, 4.852, 133.033



49, 69.414, 131.229



1, 2.250, 133.390

Inverse Universe

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



23, 75.391, 315.499



31, 91.925, 315.213



31, 66.025, 333.259



27, 4.899, 313.742



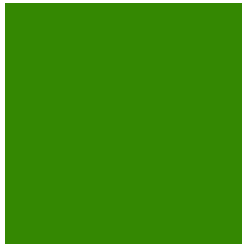
22, 74.588, 315.465



0, 2.251, 313.387

Previews

White Background



This preview shows how the CIELCh color 50, 70.216, 131.191 looks on a white 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

Black Background



This preview shows how the CIELCh color 50, 70.216, 131.191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

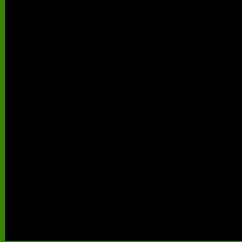
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 70.216, 131.191

Background



This preview shows how black text looks on a background with the CIELCh color 50, 70.216, 131.191.



This preview shows how white text looks on a background with the CIELCh color 50, 70.216, 131.191.

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

50, 70.216, 131.191

Protanopia

50, 55.683, 95.312

Deuteranopia

50, 48.857, 82.190



Tritanopia
50, 18.166, 216.714

Trichromacy



Original Color
50, 70.216, 131.191

Protanomaly
49, 57.972, 112.664

Deuteranomaly
49, 51.852, 107.053

Tritanomaly
49, 34.608, 151.283

Monochromacy



Original Color
50, 70.216, 131.191

Achromatopsia
41, 0.006, 296.813

Achromatomaly
43, 31.716, 131.580

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 70.216, 131.191 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(52, 136, 2)` looks like.

```
.text, #text, p{  
    color:rgb(52, 136, 2)  
}
```

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(52, 136, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 136, 2) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 70.216, 131.191 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(52, 136, 2) }
```

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

```
.border{ border-color:rgb(52, 136, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 136, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 136, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 136, 2);  
box-shadow:4px 4px 4px 4px rgb(52, 136, 2)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 50, 70.216, 131.191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 136, 2) }
```

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

```
.background{ background-color: rgb(52, 136,  
2) }
```

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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