

Converting Colors

CIELCh(52, 73.688, 131.749)

Have a look what the booklet for
CIELCh(52, 73.688, 131.749)
contains.

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Color

CIELCh(52, 73.429, 131.800)

Conversions

Conversions Part 1

Format	Color
Hex	328E01
RGB	50, 142, 1
RGB Percent	20%, 56%, 0%
CMY	0.8022, 0.4417, 0.9975
CMYK	0.65, 0.00, 1.00, 0.44
HSL	99°, 99%, 28%
HSV	99°, 100%, 56%
XYZ	11.0676, 20.1443, 3.3231
YIQ	98.4180, -9.5710, -63.3550

Conversions

Conversions Part 2

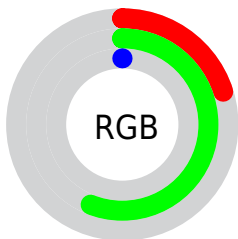
Format	Color
R_{YB}	1, 142, 93
Decimal	3313153
CIE _{Lab}	52.00, -48.94, 54.74
CIE _{LCh}	52, 73.429, 131.800
Yxy	20.1443, 0.3205, 0.5833
Android (android.graphics.Color)	4281503233 (0xFF328E01)
YUV	98.4180, -48.0271, -42.4626
Hunter-Lab	44.8824, -34.5276, 27.0278

Details

The CIELCh color **52, 73.429, 131.800** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **25, 78.077, 316.024**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **72, 73.481, 132.012**, and **33, 56.009, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **52, 73.583, 131.819**, and if you desaturate by 10%, it is **52, 69.931, 131.251**.

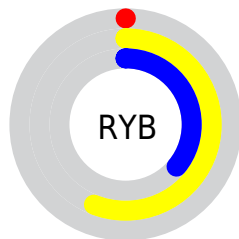
Distribution



Red (20%)

Green (56%)

Blue (0%)



Red (0%)

Yellow (56%)

Blue (36%)

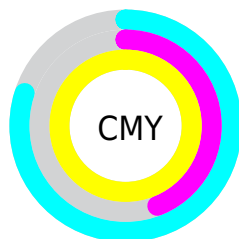


Cyan (65%)

Magenta (0%)

Yellow (100%)

Black (44%)



Cyan (80%)

Magenta (44%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 73.429, 131.800 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 52, 73.429, 131.800 by changing the saturation by 10% instead.


 52, 73.429,
131.800


 52, 73.429,
131.800


 100, 73.429,
131.800

 42, 73.429,
131.800


 72, 73.429,
131.800

 32, 73.429,
131.800

 82, 73.429,
131.800

 22, 73.429,
131.800

 92, 73.429,
131.800

 12, 73.429,
131.800

 2, 73.429, 131.800

 0, 73.429, 131.800

■ 52, 73.429,
131.800

■ 52, 73.429,
131.800

■ 52, 73.583,
131.819

■ 52, 69.931,
131.251

■ 53, 65.141,
130.955

■ 53, 58.920,
131.019

■ 54, 51.624,
131.323

■ 54, 43.593,
131.762

■ 55, 35.095,
132.258

■ 56, 26.323,
132.764

■ 57, 17.420,

133.251

■ 58, 8.485, 133.709

Harmonies

Complementary

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



52, 73.429, 131.800



25, 78.077, 316.024

Rectangle

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



52, 73.429, 131.800



52, 73.429, 181.800



52, 73.429, 311.800



52, 73.429, 1.800

Sweetspot

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



52, 73.429, 131.801



72, 33.256, 132.709



43, 53.291, 73.299



37, 22.841, 132.518



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



52, 73.429, 131.801



67, 89.969, 132.125



51, 74.474, 137.679



30, 5.030, 133.725



49, 70.798, 131.749



2, 3.394, 134.085

Inverse Universe

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



25, 78.077, 316.024



33, 95.472, 315.787



32, 67.526, 334.192



28, 5.076, 314.438



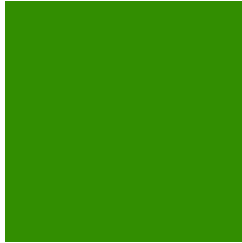
23, 75.322, 316.056



0, 3.395, 314.082

Previews

White Background



This preview shows how the CIELCh color 52, 73.429, 131.800 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 52, 73.429, 131.800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

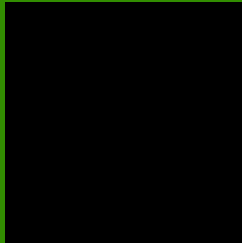
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 73.429, 131.800

Background



This preview shows how black text looks on a background with the CIELCh color 52, 73.429, 131.800.



This preview shows how white text looks on a background with the CIELCh color 52, 73.429, 131.800.

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
52, 73.277, 131.875

Protanopia
52, 57.312, 95.582

Deuteranopia
52, 50.559, 82.493



Tritanopia
52, 19.281, 217.257

Trichromacy



Original Color
52, 73.277, 131.875

Protanomaly
51, 60.364, 113.487

Deuteranomaly
50, 53.782, 107.860

Tritanomaly
51, 37.035, 151.553

Monochromacy



Original Color
52, 73.277, 131.875

Achromatopsia
42, 0.006, 296.813

Achromatomaly
45, 33.624, 132.183

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 73.429, 131.800 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(50, 142, 1)` looks like.

```
.text, #text, p{  
    color:rgb(50, 142, 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(50, 142, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 142, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 73.429, 131.800 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(50, 142, 1) }
```

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

```
.border{ border-color:rgb(50, 142, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 142, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 142, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 142, 1);  
box-shadow:4px 4px 4px 4px rgb(50, 142, 1)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 52, 73.429, 131.800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 142, 1) }
```

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

```
.background{ background-color: rgb(50, 142,  
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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