

Converting Colors

CIELCh(52, 73.955, 132.061)

Have a look what the booklet for
CIELCh(52, 73.955, 132.061)
contains.

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Color

CIELCh(52, 74.124, 132.168)

Conversions

Conversions Part 1

Format	Color
Hex	308F00
RGB	48, 143, 0
RGB Percent	19%, 56%, 0%
CMY	0.8137, 0.4407, 1.0000
CMYK	0.67, 0.00, 1.00, 0.44
HSL	100°, 100%, 28%
HSV	100°, 100%, 56%
XYZ	10.9569, 20.1443, 3.2914
YIQ	98.2930, -10.7170, -64.6130

Conversions

Conversions Part 2

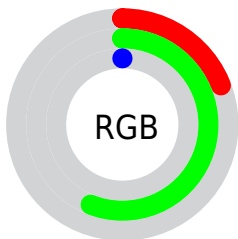
Format	Color
RYB	0, 143, 95
Decimal	3182336
CIELab	52.00, -49.76, 54.94
CIELCh	52, 74.124, 132.168
Yxy	20.1443, 0.3186, 0.5857
Android (android.graphics.Color)	4281372416 (0xFF308F00)
YUV	98.2930, -48.4584, -44.1070
Hunter-Lab	44.8824, -34.9680, 27.0697

Details

The CIELCh color **52, 74.124, 132.168** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **25, 78.077, 316.546**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **72, 74.159, 132.279**, and **33, 56.439, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **52, 74.023, 132.219**, and if you desaturate by 10%, it is **52, 70.554, 131.716**.

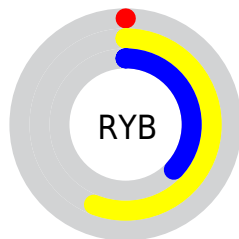
Distribution



Red (19%)

Green (56%)

Blue (0%)



Red (0%)

Yellow (56%)

Blue (37%)

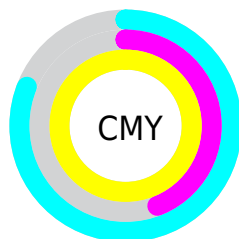


Cyan (67%)

Magenta (0%)

Yellow (100%)

Black (44%)



Cyan (81%)


Magenta (44%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 52, 74.124, 132.168 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, 74.124, 132.168 by changing the saturation by 10% instead.

 52, 74.124,
132.168


 52, 74.124,
132.168

 100, 74.124,
132.168


 42, 74.124,
132.168


 72, 74.124,
132.168

 32, 74.124,
132.168

 82, 74.124,
132.168

 22, 74.124,
132.168

 92, 74.124,
132.168

 12, 74.124,
132.168

 2, 74.124, 132.168

 0, 74.124, 132.168

■ 52, 74.124,
132.168

■ 52, 74.124,
132.168

■ 52, 74.023,
132.219

■ 52, 70.554,
131.716

■ 53, 65.821,
131.438

■ 53, 59.627,
131.518

■ 54, 52.329,
131.839

■ 54, 44.273,
132.294

■ 55, 35.732,
132.804

■ 56, 26.907,
133.320

■ 57, 17.944,

133.815

■ 58, 8.947, 134.279

Harmonies

Complementary

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



52, 74.124, 132.168



25, 78.077, 316.546

Rectangle

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



52, 74.124, 132.168



52, 74.124, 182.168



52, 74.124, 312.168



52, 74.124, 2.168

Sweetspot

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



52, 74.023, 132.219



72, 33.434, 133.287



44, 53.571, 76.286



37, 22.965, 133.093



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, 74.023, 132.219



67, 90.383, 132.513



51, 73.668, 138.231



30, 5.055, 134.315



49, 71.128, 132.149



2, 3.411, 134.677

Inverse Universe

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



25, 78.077, 316.546



34, 95.128, 316.334



32, 66.006, 336.002



28, 5.099, 315.029



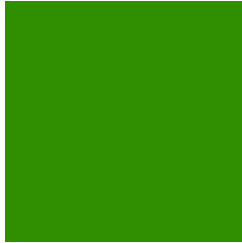
23, 75.061, 316.595



0, 3.411, 314.673

Previews

White Background



This preview shows how the CIELCh color 52, 74.124, 132.168 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 52, 74.124, 132.168 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

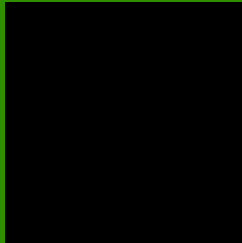
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 52, 74.124, 132.168

Background



This preview shows how black text looks on a background with the CIELCh color 52, 74.124, 132.168.



This preview shows how white text looks on a background with the CIELCh color 52, 74.124, 132.168.

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, 74.124, 132.168

Protanopia
52, 57.312, 95.582

Deuteranopia
52, 50.559, 82.493



Tritanopia
52, 19.942, 214.713

Trichromacy



Original Color
52, 74.124, 132.168

Protanomaly
51, 60.462, 113.902

Deuteranomaly
50, 53.827, 108.357

Tritanomaly
51, 37.672, 152.388

Monochromacy



Original Color
52, 74.124, 132.168

Achromatopsia
42, 0.006, 296.813

Achromatomaly
44, 33.666, 132.166

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 74.124, 132.168 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(48, 143, 0)` looks like.

```
.text, #text, p{  
    color:rgb(48, 143, 0)  
}
```

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(48, 143, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 143, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 74.124, 132.168 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(48, 143, 0) }
```

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

```
.border{ border-color:rgb(48, 143, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 143, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 143, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 143, 0);  
box-shadow:4px 4px 4px 4px rgb(48, 143, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 52, 74.124, 132.168 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 143, 0) }
```

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

```
.background{ background-color: rgb(48, 143,  
0) }
```

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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