

Converting Colors

CIELCh(52, 64.215, 128.645)

Have a look what the booklet for
CIELCh(52, 64.215, 128.645)
contains.

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Color

CIELCh(52, 64.523, 128.749)

Conversions

Conversions Part 1

Format	Color
Hex	4A8C18
RGB	74, 140, 24
RGB Percent	29%, 55%, 9%
CMY	0.7114, 0.4525, 0.9078
CMYK	0.47, 0.00, 0.83, 0.45
HSL	94°, 71%, 32%
HSV	94°, 83%, 55%
XYZ	12.2726, 20.1443, 4.0789
YIQ	107.0420, -2.1000, -50.0680

Conversions

Conversions Part 2

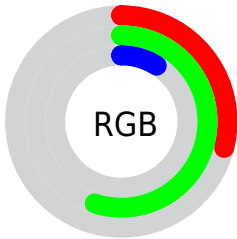
Format	Color
R _Y B	24, 140, 90
Decimal	4885528
CIE Lab	52.00, -40.39, 50.32
CIE LCh	52, 64.523, 128.749
Yxy	20.1443, 0.3363, 0.5520
Android (android.graphics.Color)	4283075608 (0xFF4A8C18)
YUV	107.0420, -40.9397, -28.9778
Hunter-Lab	44.8824, -29.7355, 26.0295

Details

The CIELCh color $52, 64.523, 128.749$ is a dark color, and the websafe version is hex 669933 . A complement of this color would be $26, 70.788, 314.382$, and the grayscale version is $45, 0.006, 296.813$.

A 20% lighter version of the original color is $72, 64.406, 128.682$, and $32, 54.686, 134.819$ is the 20% darker color. If you saturate the color by 10%, you get $52, 68.612, 129.323$, and if you desaturate by 10%, it is $52, 58.971, 128.590$.

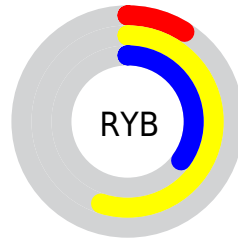
Distribution



Red (29%)

Green (55%)

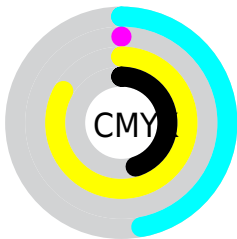
Blue (9%)



Red (9%)

Yellow (55%)

Blue (35%)

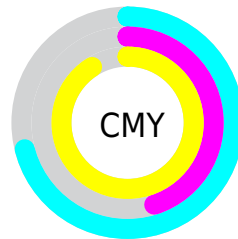


Cyan (47%)

Magenta (0%)

Yellow (83%)

Black (45%)



Cyan (71%)

Magenta (45%)


Yellow (91%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 64.523, 128.749 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, 64.523, 128.749 by changing the saturation by 10% instead.


 52, 64.523,
128.749


 52, 64.523,
128.749


 100, 64.523,
128.749

 42, 64.523,
128.749


 72, 64.523,
128.749

 32, 64.523,
128.749

 82, 64.523,
128.749

 22, 64.523,
128.749

 92, 64.523,
128.749

 12, 64.523,
128.749

 2, 64.523, 128.749

 0, 64.523, 128.749

■ 52, 64.523,
128.749

■ 52, 64.523,
128.749

■ 52, 68.612,
129.323

■ 52, 58.971,
128.590

■ 51, 70.921,
129.775

■ 53, 52.272,
128.732

■ 54, 44.768,
129.061

■ 54, 36.740,
129.491

■ 55, 28.392,
129.961

■ 56, 19.872,
130.434

■ 57, 11.282,
130.891

■ 58, 2.695, 131.345

Harmonies

Complementary

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



52, 64.523, 128.749



26, 70.788, 314.382

Rectangle

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



52, 64.523, 128.749



52, 64.523, 178.749



52, 64.523, 308.749



52, 64.523, 358.749

Sweetspot

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



52, 64.523, 128.750



71, 26.517, 130.323



42, 46.198, 70.765



37, 18.224, 130.176



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



52, 64.523, 128.750



66, 86.159, 130.111



51, 69.074, 138.270



29, 4.778, 131.070



49, 68.265, 129.698



1, 2.218, 131.431

Inverse Universe

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



26, 70.788, 314.382



30, 95.065, 313.588



34, 66.167, 330.441



27, 4.832, 311.792



21, 75.476, 313.878



0, 2.218, 311.429

Previews

White Background



This preview shows how the CIELCh color 52, 64.523, 128.749 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, 64.523, 128.749 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, 64.523, 128.749

Background



This preview shows how black text looks on a background with the CIELCh color 52, 64.523, 128.749.



This preview shows how white text looks on a background with the CIELCh color 52, 64.523, 128.749.

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, 64.523, 128.749

Protanopia

52, 53.406, 95.564

Deuteranopia

52, 48.307, 81.842



Tritanopia
52, 14.636, 221.729

Trichromacy



Original Color
52, 64.523, 128.749

Protanomaly
51, 55.039, 110.672

Deuteranomaly
51, 49.390, 103.801

Tritanomaly
51, 27.884, 150.263

Monochromacy



Original Color
52, 64.523, 128.749

Achromatopsia
45, 0.006, 296.813

Achromatomaly
47, 26.516, 129.978

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 64.523, 128.749 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(74, 140, 24)` looks like.

```
.text, #text, p{  
    color:rgb(74, 140, 24)  
}
```

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(74, 140, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 140, 24) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 64.523, 128.749 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(74, 140, 24) }
```

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

```
.border{ border-color:rgb(74, 140, 24) }
```

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

Here you see how a box with a 4 pixel rgb(74, 140, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 140, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 140, 24);  
box-shadow:4px 4px 4px 4px rgb(74, 140,  
24) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 64.523, 128.749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 140, 24) }
```

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

```
.background{ background-color: rgb(74, 140,  
24) }
```

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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