

Converting Colors

CIELCh(52, 32.622, 123.589)

Have a look what the booklet for
CIELCh(52, 32.622, 123.589)
contains.

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Color

CIELCh(52, 32.518, 123.459)

Conversions

Conversions Part 1

Format	Color
Hex	6D834C
RGB	109, 131, 76
RGB Percent	43%, 51%, 30%
CMY	0.5710, 0.4847, 0.7005
CMYK	0.17, 0.00, 0.42, 0.48
HSL	84°, 26%, 41%
HSV	84°, 42%, 52%
XYZ	15.8436, 20.1443, 9.9591
YIQ	118.1520, 4.5430, -21.7690

Conversions

Conversions Part 2

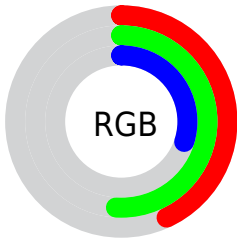
Format	Color
RYB	76, 131, 98
Decimal	7177036
CIELab	52.00, -17.93, 27.13
CIElCh	52, 32.518, 123.459
Yxy	20.1443, 0.3448, 0.4384
Android (android.graphics.Color)	4285367116 (0xFF6D834C)
YUV	118.1520, -20.7809, -8.0263
Hunter-Lab	44.8824, -15.5332, 18.2616

Details

The CIELCh color **52, 32.518, 123.459** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **37, 34.958, 307.892**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **72, 32.407, 123.787**, and **32, 32.764, 123.659** is the 20% darker color. If you saturate the color by 10%, you get **51, 39.834, 123.032**, and if you desaturate by 10%, it is **53, 24.921, 123.943**.

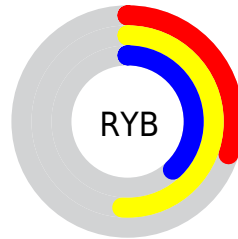
Distribution



Red (43%)

Green (51%)

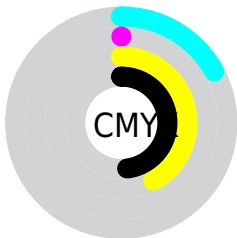
Blue (30%)



Red (30%)

Yellow (51%)

Blue (38%)

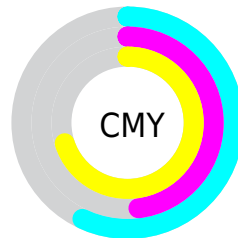


Cyan (17%)

Magenta (0%)

Yellow (42%)

Black (48%)



Cyan (57%)


Magenta (48%)


Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 32.518, 123.459 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, 32.518, 123.459 by changing the saturation by 10% instead.


 52, 32.518,
123.459


 52, 32.518,
123.459


 100, 32.518,
123.459


 42, 32.518,
123.459


 72, 32.518,
123.459

 32, 32.518,
123.459

 82, 32.518,
123.459

 22, 32.518,
123.459

 92, 32.518,
123.459

 12, 32.518,
123.459

 2, 32.518, 123.459

 0, 32.518, 123.459

■ 52, 32.518,
123.459

■ 52, 32.518,
123.459

■ 51, 39.834,
123.032

■ 53, 24.921,
123.943

■ 51, 46.689,
122.713

■ 53, 17.161,
124.444

■ 50, 52.839,
122.580

■ 54, 9.323, 124.942

■ 50, 57.974,
122.738

■ 55, 1.467, 125.454

■ 56, 6.367, 305.852

■ 50, 61.788,
123.296

■ 56, 14.149,
306.277

■ 49, 64.288,
123.883

■ 57, 21.855,
306.667

■ 58, 29.472,
307.023

■ 59, 36.986,
307.348

Harmonies

Complementary

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



52, 32.518, 123.459



37, 34.958, 307.892

Rectangle

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



52, 32.518, 123.459



52, 32.518, 173.459



52, 32.518, 303.459



52, 32.518, 353.459

Sweetspot

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



52, 32.519, 123.461



69, 12.646, 124.872



44, 20.452, 58.133



36, 8.918, 124.776



86, 0.010, 296.813



37, 0.005, 296.813

Same Dimension

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



52, 32.519, 123.461



66, 47.626, 123.061



50, 37.344, 138.692



28, 4.458, 125.077



49, 63.800, 123.866



1, 1.070, 125.498

Inverse Universe

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



37, 34.958, 307.892



43, 52.192, 308.511



40, 37.646, 323.119



26, 4.528, 305.934



17, 77.056, 310.181



0, 1.070, 305.497

Previews

White Background



This preview shows how the CIELCh color 52, 32.518, 123.459 looks on a white background.

Color Contrast Check

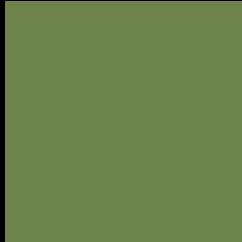
Large Text (above 18pt) WCAG AA ✓ Pass

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, 32.518, 123.459 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, 32.518, 123.459

Background



This preview shows how black text looks on a background with the CIELCh color 52, 32.518, 123.459.



This preview shows how white text looks on a background with the CIELCh color 52, 32.518, 123.459.

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, 32.518, 123.459

Protanopia

52, 28.937, 96.486

Deuteranopia

52, 26.920, 75.303



Tritanopia
52, 5.990, 260.237

Trichromacy



Original Color
52, 32.518, 123.459

Protanomaly
52, 29.449, 107.277

Deuteranomaly
52, 26.351, 94.893

Tritanomaly
52, 9.715, 141.957

Monochromacy



Original Color
52, 32.518, 123.459

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 12.073, 124.739

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 32.518, 123.459 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(109, 131, 76)` looks like.

```
.text, #text, p{  
    color:rgb(109, 131, 76)  
}
```

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(109, 131, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 131, 76) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 32.518, 123.459 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(109, 131, 76) }
```

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

```
.border{ border-color:rgb(109, 131, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 131, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 131, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 131, 76);  
box-shadow:4px 4px 4px 4px rgb(109, 131,  
76) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 32.518, 123.459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 131, 76) }
```

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

```
.background{ background-color: rgb(109,  
131, 76) }
```

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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