

Converting Colors

CIELCh(52, 27.125, 129.155)

Have a look what the booklet for
CIELCh(52, 27.125, 129.155)
contains.

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Color

CIELCh(52, 27.125, 129.155)

Conversions

Conversions Part 1

Format	Color
Hex	6B8357
RGB	107, 131, 87
RGB Percent	42%, 51%, 34%
CMY	0.5793, 0.4852, 0.6578
CMYK	0.18, 0.00, 0.34, 0.49
HSL	93°, 20%, 43%
HSV	93°, 34%, 51%
XYZ	15.9824, 20.1443, 12.1199
YIQ	118.8080, -0.1800, -18.7720

Conversions

Conversions Part 2

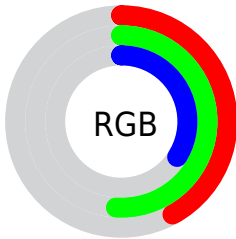
Format	Color
R_{YB}	87, 131, 111
Decimal	7045975
CIE _{Lab}	52.00, -17.13, 21.03
CIE _{LCh}	52, 27.125, 129.155
Yxy	20.1443, 0.3313, 0.4175
Android (android.graphics.Color)	4285236055 (0xFF6B8357)
YUV	118.8080, -15.6813, -10.3556
Hunter-Lab	44.8824, -14.9812, 15.4073

Details

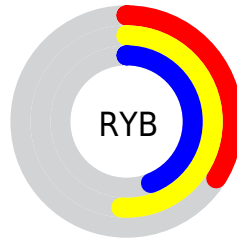
The CIELCh color $52, 27.125, 129.155$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $41, 28.249, 312.140$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 27.185, 129.029$, and $32, 27.310, 129.060$ is the 20% darker color. If you saturate the color by 10%, you get $51, 35.005, 128.695$, and if you desaturate by 10%, it is $53, 19.081, 129.625$.

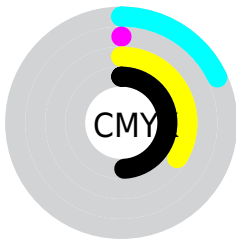
Distribution



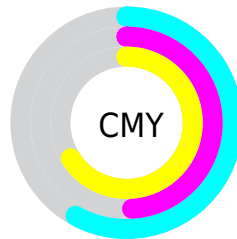
- Red (42%)
- Green (51%)
- Blue (34%)



- Red (34%)
- Yellow (51%)
- Blue (44%)



- Cyan (18%)
- Magenta (0%)
- Yellow (34%)
- Black (49%)





- Cyan (58%)
- Magenta (49%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 27.125, 129.155 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, 27.125, 129.155 by changing the saturation by 10% instead.


 52, 27.125,
129.155


 52, 27.125,
129.155


 100, 27.125,
129.155


 42, 27.125,
129.155


 72, 27.125,
129.155

 32, 27.125,
129.155

 82, 27.125,
129.155

 22, 27.125,
129.155

 92, 27.125,
129.155

 12, 27.125,
129.155

 2, 27.125, 129.155

 0, 27.125, 129.155

■ 52, 27.125,
129.155

■ 52, 27.125,
129.155

■ 51, 35.005,
128.695

■ 53, 19.081,
129.625

■ 51, 42.581,
128.279

■ 54, 10.966,
130.081

■ 50, 49.662,
127.966

■ 55, 2.848, 130.531

■ 50, 55.987,
127.843

■ 56, 5.222, 310.870

■ 49, 61.236,
128.021

■ 57, 13.211,
311.236

■ 49, 65.121,
128.607

■ 58, 21.094,
311.559

■ 49, 67.292,
129.007

■ 59, 28.852,
311.847

■ 60, 36.475,
312.102

■ 61, 43.955,
312.328

Harmonies

Complementary

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



52, 27.125, 129.155



41, 28.249, 312.140

Rectangle

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



52, 27.125, 129.155



52, 27.125, 179.155



52, 27.125, 309.155



52, 27.125, 359.155

Sweetspot

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



52, 27.126, 129.156



69, 10.045, 130.228



48, 16.678, 74.795



36, 6.909, 130.174



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, 27.126, 129.156



66, 39.972, 128.813



51, 30.459, 143.019



28, 4.604, 130.276



48, 66.823, 128.992



1, 1.103, 130.639

Inverse Universe

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



41, 28.249, 312.140



50, 42.036, 312.497



43, 30.449, 327.123



26, 4.658, 311.004



20, 74.771, 313.310



0, 1.103, 310.637

Previews

White Background



This preview shows how the CIELCh color 52, 27.125, 129.155 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, 27.125, 129.155 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, 27.125, 129.155

Background



This preview shows how black text looks on a background with the CIELCh color 52, 27.125, 129.155.



This preview shows how white text looks on a background with the CIELCh color 52, 27.125, 129.155.

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, 27.125, 129.155

Protanopia
52, 23.379, 96.166

Deuteranopia
52, 21.152, 71.610



Tritanopia
52, 7.054, 254.843

Trichromacy



Original Color
52, 27.125, 129.155

Protanomaly
52, 23.995, 110.269

Deuteranomaly
52, 20.082, 94.888

Tritanomaly
52, 7.988, 157.785

Monochromacy



Original Color
52, 27.125, 129.155

Achromatopsia
50, 0.007, 296.813

Achromatomaly
51, 9.885, 128.522

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 27.125, 129.155 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(107, 131, 87)` looks like.

```
.text, #text, p{  
    color:rgb(107, 131, 87)  
}
```

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(107, 131, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 131, 87) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 27.125, 129.155 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(107, 131, 87) }
```

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

```
.border{ border-color:rgb(107, 131, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 131, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 131, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 131, 87);  
box-shadow:4px 4px 4px 4px rgb(107, 131,  
87) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 27.125, 129.155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 131, 87) }
```

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

```
.background{ background-color: rgb(107,  
131, 87) }
```

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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