

Converting Colors

CIELCh(52, 10.395, 131.532)

Have a look what the booklet for
CIELCh(52, 10.395, 131.532)
contains.

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Color

CIELCh(52, 10.143, 132.807)

Conversions

Conversions Part 1

Format	Color
Hex	757F6F
RGB	117, 127, 111
RGB Percent	46%, 50%, 44%
CMY	0.5408, 0.5015, 0.5643
CMYK	0.08, 0.00, 0.13, 0.50
HSL	98°, 7%, 47%
HSV	98°, 13%, 50%
XYZ	17.8274, 20.1443, 18.0168
YIQ	122.1860, -0.8240, -7.0960

Conversions

Conversions Part 2

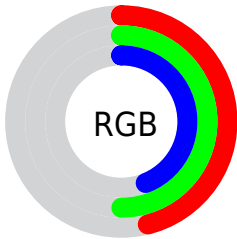
Format	Color
R_{YB}	111, 127, 121
Decimal	7700335
CIE Lab	52.00, -6.89, 7.44
CIE LCh	52, 10.143, 132.807
Yxy	20.1443, 0.3184, 0.3598
Android (android.graphics.Color)	4285890415 (0xFF757F6F)
YUV	122.1860, -5.5147, -4.5481
Hunter-Lab	44.8824, -7.6438, 7.6174

Details

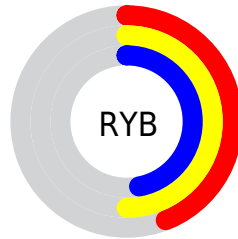
The CIELCh color $52, 10.143, 132.807$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $48, 10.270, 313.810$, and the grayscale version is $51, 0.007, 296.813$.

A 20% lighter version of the original color is $72, 10.161, 133.655$, and $32, 10.299, 131.732$ is the 20% darker color. If you saturate the color by 10%, you get $51, 18.230, 132.353$, and if you desaturate by 10%, it is $53, 2.075, 133.268$.

Distribution



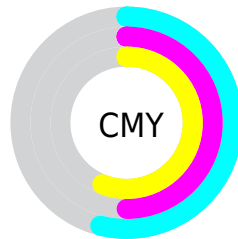
- Red (46%)
- Green (50%)
- Blue (44%)



- Red (44%)
- Yellow (50%)
- Blue (47%)



- Cyan (8%)
- Magenta (0%)
- Yellow (13%)
- Black (50%)





- Cyan (54%)
- Magenta (50%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 52, 10.143, 132.807 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, 10.143, 132.807 by changing the saturation by 10% instead.


 52, 10.143,
132.807


 52, 10.143,
132.807


 100, 10.143,
132.807


 42, 10.143,
132.807


 72, 10.143,
132.807

 32, 10.143,
132.807

 82, 10.143,
132.807

 22, 10.143,
132.807

 92, 10.143,
132.807

 12, 10.143,
132.807

 2, 10.143, 132.807

 0, 10.143, 132.807

■ 52, 10.143,
132.807

■ 52, 10.143,
132.807

■ 51, 18.230,
132.353

■ 53, 2.075, 133.268

■ 50, 26.264,
131.872

■ 54, 5.928, 313.569

■ 50, 34.149,
131.384

■ 55, 13.829,
313.915

■ 49, 41.751,
130.919

■ 56, 21.604,
314.214

■ 48, 48.884,
130.533

■ 58, 29.236,
314.476

■ 48, 55.296,
130.307

■ 59, 36.714,
314.706

■ 47, 60.675,
130.350

■ 60, 44.033,
314.906

■ 47, 64.717,

■ 61, 51.191,
315.080

130.773

■ 63, 58.188,
315.230

■ 47, 67.237,
131.111

Harmonies

Complementary

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



52, 10.143, 132.807



48, 10.270, 313.810

Rectangle

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



52, 10.143, 132.807



52, 10.143, 182.807



52, 10.143, 312.807



52, 10.143, 2.807

Sweetspot

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



52, 10.144, 132.809



68, 3.987, 133.188



51, 6.263, 85.355



35, 2.857, 133.156



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



52, 10.144, 132.809



66, 15.026, 132.686



52, 10.492, 147.041



26, 4.547, 132.963



47, 67.390, 131.115



0, 0.000, 0.000

Inverse Universe

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



48, 10.270, 313.810



61, 15.247, 313.928



49, 10.513, 328.470



25, 4.591, 313.661



21, 72.518, 315.441



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 52, 10.143, 132.807 looks on a white background.

Color Contrast Check

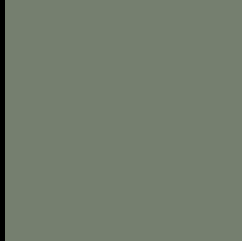
Large Text (above 18pt) WCAG AA ✓ Pass

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, 10.143, 132.807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

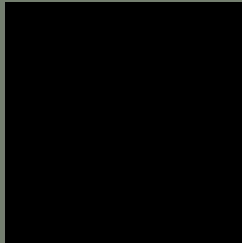
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

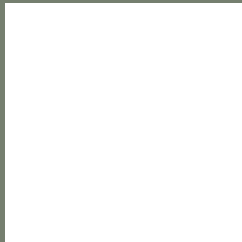
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 52, 10.143, 132.807

Background



This preview shows how black text looks on a background with the CIELCh color 52, 10.143, 132.807.

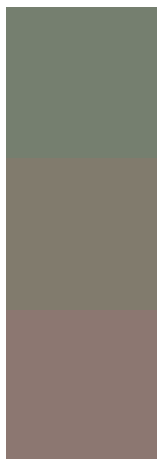


This preview shows how white text looks on a background with the CIELCh color 52, 10.143, 132.807.

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, 10.143, 132.807

Protanopia

52, 8.476, 91.848

Deuteranopia

52, 9.511, 41.568



Tritanopia
52, 5.900, 279.657

Trichromacy



Original Color
52, 10.143, 132.807

Protanomaly
52, 8.103, 106.191

Deuteranomaly
52, 7.138, 73.598

Tritanomaly
52, 2.042, 215.920

Monochromacy



Original Color
52, 10.143, 132.807

Achromatopsia
51, 0.007, 296.813

Achromatomaly
52, 3.849, 134.509

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 52, 10.143, 132.807 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(117, 127, 111)` looks like.

```
.text, #text, p{  
    color:rgb(117, 127, 111)  
}
```

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(117, 127, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 127, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 52, 10.143, 132.807 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(117, 127, 111) }
```

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

```
.border{ border-color:rgb(117, 127, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 127, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 127, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 127, 111);  
box-shadow:4px 4px 4px 4px rgb(117, 127,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 52, 10.143, 132.807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 127, 111) }
```

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

```
.background{ background-color: rgb(117,  
127, 111) }
```

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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