

Converting Colors

CIELCh(51, 18.831, 133.681)

Have a look what the booklet for
CIELCh(51, 18.831, 133.681)
contains.

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Color

CIELCh(51, 18.572, 133.317)

Conversions

Conversions Part 1

Format	Color
Hex	6C7F62
RGB	108, 127, 98
RGB Percent	42%, 50%, 38%
CMY	0.5762, 0.5017, 0.6155
CMYK	0.15, 0.00, 0.23, 0.50
HSL	99°, 13%, 44%
HSV	99°, 23%, 50%
XYZ	15.9956, 19.2686, 14.4455
YIQ	118.0130, -2.0150, -13.0470

Conversions

Conversions Part 2

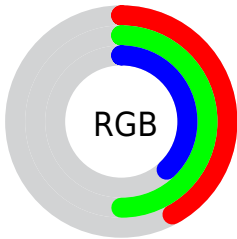
Format	Color
RYB	98, 127, 117
Decimal	7110498
CIELab	51.00, -12.74, 13.51
CIELCh	51, 18.572, 133.317
Yxy	19.2686, 0.3218, 0.3876
Android (android.graphics.Color)	4285300578 (0xFF6C7F62)
YUV	118.0130, -9.8664, -8.7814
Hunter-Lab	43.8960, -11.7730, 11.2158

Details

The CIELCh color $51, 18.572, 133.317$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $44, 18.937, 315.228$, and the grayscale version is $50, 0.007, 296.813$.

A 20% lighter version of the original color is $71, 18.563, 133.234$, and $31, 18.874, 133.200$ is the 20% darker color. If you saturate the color by 10%, you get $50, 26.677, 132.826$, and if you desaturate by 10%, it is $52, 10.418, 133.782$.

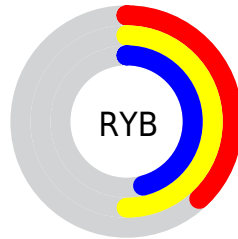
Distribution



Red (42%)

Green (50%)

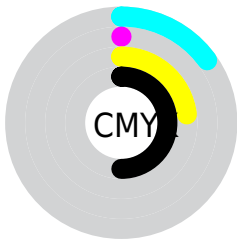
Blue (38%)



Red (38%)

Yellow (50%)

Blue (46%)

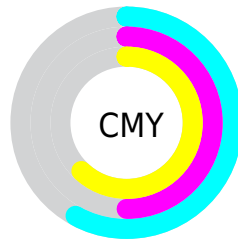


Cyan (15%)

Magenta (0%)

Yellow (23%)

Black (50%)



Cyan (58%)


Magenta (50%)


Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 51, 18.572, 133.317 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 51, 18.572, 133.317 by changing the saturation by 10% instead.


 51, 18.572,
133.317


 51, 18.572,
133.317


 100, 18.572,
133.317


 41, 18.572,
133.317


 71, 18.572,
133.317

 31, 18.572,
133.317

 81, 18.572,
133.317

 21, 18.572,
133.317

 91, 18.572,
133.317

 11, 18.572,
133.317

 1, 18.572, 133.317

 0, 18.572, 133.317

■ 51, 18.572,
133.317

■ 51, 18.572,
133.317

■ 50, 26.677,
132.826

■ 52, 10.418,
133.782

■ 49, 34.628,
132.321

■ 53, 2.282, 134.241

■ 49, 42.289,
131.834

■ 54, 5.782, 314.543

■ 48, 49.468,
131.420

■ 55, 13.738,
314.888

■ 48, 55.907,
131.159

■ 56, 21.558,
315.185

■ 47, 61.292,
131.161

■ 58, 29.228,
315.444

■ 47, 65.319,
131.536

■ 59, 36.736,
315.669

■ 47, 67.757,

■ 60, 44.077,
315.864

131.810

■ 62, 51.249,
316.032

Harmonies

Complementary

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



51, 18.572, 133.317



44, 18.937, 315.228

Rectangle

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



51, 18.572, 133.317



51, 18.572, 183.317



51, 18.572, 313.317



51, 18.572, 3.317

Sweetspot

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



51, 18.573, 133.318



67, 7.049, 134.033



50, 11.847, 86.959



35, 4.617, 134.013



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



51, 18.573, 133.318



65, 27.298, 133.084



50, 18.631, 147.331



26, 4.584, 133.947



47, 67.930, 131.815



0, 0.000, 0.000

Inverse Universe

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



44, 18.937, 315.228



55, 27.947, 315.435



45, 18.680, 330.160



25, 4.625, 314.644



22, 72.098, 316.306



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 51, 18.572, 133.317 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 51, 18.572, 133.317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

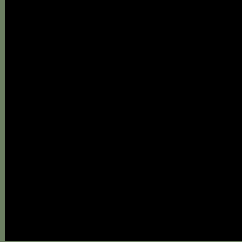
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 51, 18.572, 133.317

Background



This preview shows how black text looks on a background with the CIELCh color 51, 18.572, 133.317.



This preview shows how white text looks on a background with the CIELCh color 51, 18.572, 133.317.

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](#).

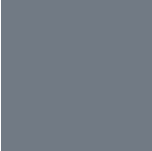
Dichromacy



Original Color
51, 18.572, 133.317

Protanopia
51, 15.453, 95.166

Deuteranopia
51, 14.171, 63.883



Tritanopia
51, 6.690, 260.155

Trichromacy



Original Color
51, 18.572, 133.317

Protanomaly
51, 15.618, 111.301

Deuteranomaly
51, 13.101, 95.196

Tritanomaly
51, 5.672, 174.561

Monochromacy



Original Color
51, 18.572, 133.317

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 6.517, 135.417

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 51, 18.572, 133.317 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(108, 127, 98)` looks like.

```
.text, #text, p{  
    color:rgb(108, 127, 98)  
}
```

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(108, 127, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 127, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 51, 18.572, 133.317 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(108, 127, 98) }
```

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

```
.border{ border-color:rgb(108, 127, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 127, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 127, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 127, 98);  
box-shadow:4px 4px 4px 4px rgb(108, 127,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 51, 18.572, 133.317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 127, 98) }
```

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

```
.background{ background-color: rgb(108,  
127, 98) }
```

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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