

Converting Colors

CIELCh(70, 20.957, 128.724)

Have a look what the booklet for
CIELCh(70, 20.957, 128.724)
contains.

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Color

CIELCh(70, 20.818, 128.157)

Conversions

Conversions Part 1

Format	Color
Hex	9FB18D
RGB	159, 177, 141
RGB Percent	62%, 69%, 55%
CMY	0.3764, 0.3058, 0.4470
CMYK	0.10, 0.00, 0.20, 0.31
HSL	90°, 19%, 62%
HSV	90°, 20%, 69%
XYZ	34.8378, 40.7494, 31.2368
YIQ	167.5140, 0.8280, -15.0120

Conversions

Conversions Part 2

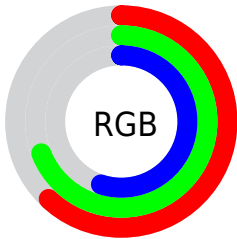
Format	Color
RYB	141, 177, 159
Decimal	10465677
CIELab	70.00, -12.86, 16.37
CIElCh	70, 20.818, 128.157
Yxy	40.7494, 0.3261, 0.3815
Android (android.graphics.Color)	4288655757 (0xFF9FB18D)
YUV	167.5140, -13.0714, -7.4668
Hunter-Lab	63.8353, -14.2961, 15.6721

Details

The CIELCh color **70, 20.818, 128.157** is a light color, and the websafe version is hex **999966**. A complement of this color would be **61, 21.399, 310.009**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 20.874, 128.334**, and **50, 20.427, 128.431** is the 20% darker color. If you saturate the color by 10%, you get **69, 30.992, 127.677**, and if you desaturate by 10%, it is **71, 10.574, 128.629**.

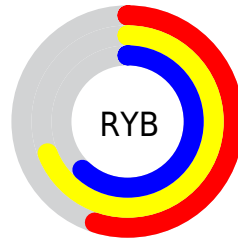
Distribution



Red (62%)

Green (69%)

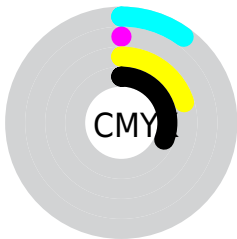
Blue (55%)



Red (55%)

Yellow (69%)

Blue (62%)

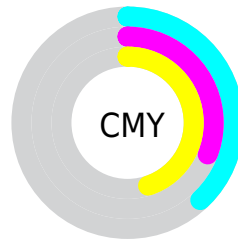


Cyan (10%)

Magenta (0%)

Yellow (20%)

Black (31%)



Cyan (38%)


Magenta (31%)


Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 20.818, 128.157 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 70, 20.818, 128.157 by changing the saturation by 10% instead.


 70, 20.818,
128.157


 70, 20.818,
128.157


 100, 20.818,
128.157


 60, 20.818,
128.157


 90, 20.818,
128.157

 50, 20.818,
128.157

 40, 20.818,
128.157

 30, 20.818,
128.157

 20, 20.818,
128.157

 10, 20.818,
128.157

 0, 20.818, 128.157

70, 20.818,
128.157

70, 20.818,
128.157

69, 30.992,
127.677

71, 10.574,
128.629

68, 40.975,
127.203

72, 0.336, 129.377

67, 50.606,
126.773

73, 9.838, 309.449

67, 59.647,
126.445

75, 19.908,
309.823

66, 67.765,
126.308

76, 29.844,
310.158

65, 74.546,
126.477

77, 39.626,
310.458

65, 79.579,
127.074

78, 44.317,
312.672

65, 82.921,

79, 45.256,
316.336

127.995

■ 80, 46.361,
319.896

Harmonies

Complementary

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



70, 20.818, 128.157



61, 21.399, 310.009

Rectangle

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



70, 20.818, 128.157



70, 20.818, 178.157



70, 20.818, 308.157



70, 20.818, 358.157

Sweetspot

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



70, 20.820, 128.159



90, 7.569, 128.825



67, 12.336, 72.925



48, 5.017, 128.796



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



70, 20.820, 128.159



88, 30.328, 127.964



69, 24.161, 143.157



37, 5.831, 128.676



56, 74.331, 127.805



7, 14.498, 132.729

Inverse Universe

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



61, 21.399, 310.009



75, 31.351, 310.217



63, 24.177, 325.531



35, 5.910, 309.471



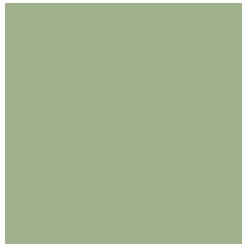
23, 85.088, 312.064



1, 13.840, 305.235

Previews

White Background



This preview shows how the CIELCh color 70, 20.818, 128.157 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 70, 20.818, 128.157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

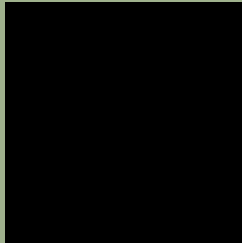
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 20.818, 128.157

Background



This preview shows how black text looks on a background with the CIELCh color 70, 20.818, 128.157.

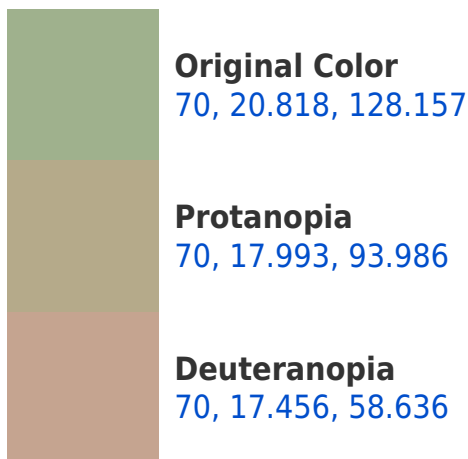


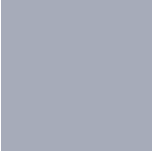
This preview shows how white text looks on a background with the CIELCh color 70, 20.818, 128.157.

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](#).

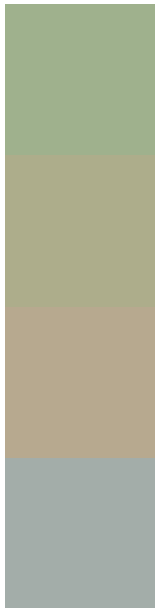
Dichromacy





Tritanopia
70, 7.844, 277.642

Trichromacy



Original Color
70, 20.818, 128.157

Protanomaly
70, 18.457, 108.305

Deuteranomaly
70, 15.277, 86.995

Tritanomaly
70, 4.359, 169.004

Monochromacy



Original Color
70, 20.818, 128.157

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 7.490, 127.386

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 20.818, 128.157 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(159, 177, 141)` looks like.

```
.text, #text, p{  
    color:rgb(159, 177, 141)  
}
```

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(159, 177, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 177, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 20.818, 128.157 is called "border". The border property can be set on classes, ids or directly on the HTML element.

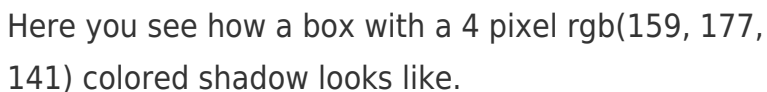
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 177, 141) }
```

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

```
.border{ border-color:rgb(159, 177, 141) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 177, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 177, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 177, 141); box-shadow:4px 4px 4px 4px rgb(159, 177, 141) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 20.818, 128.157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 177, 141) }
```

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

```
.background{ background-color: rgb(159,  
177, 141) }
```

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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