

Converting Colors

CIELCh(71, 20.190, 68.190)

Have a look what the booklet for
CIELCh(71, 20.190, 68.190) contains.

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Color

CIELCh(71, 20.282, 68.182)

Conversions

Conversions Part 1

Format	Color
Hex	C8A88C
RGB	200, 168, 140
RGB Percent	78%, 66%, 55%
CMY	0.2156, 0.3411, 0.4509
CMYK	0.00, 0.16, 0.30, 0.22
HSL	28°, 35%, 67%
HSV	28°, 30%, 78%
XYZ	42.5650, 42.1875, 30.7172
YIQ	174.3760, 28.0600, -1.9240

Conversions

Conversions Part 2

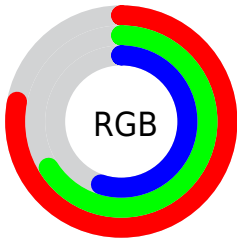
Format	Color
R _Y B	200, 193, 140
Decimal	13150348
CIE Lab	71.00, 7.54, 18.83
CIE LCh	71, 20.282, 68.182
Yxy	42.1875, 0.3686, 0.3654
Android (android.graphics.Color)	4291340428 (0xFFC8A88C)
YUV	174.3760, -16.9474, 22.4722
Hunter-Lab	64.9519, 3.3106, 17.4268

Details

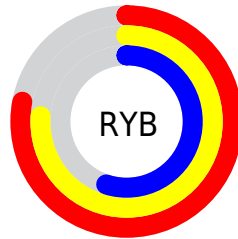
The CIELCh color **71, 20.282, 68.182** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **69, 18.350, 256.301**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 19.473, 69.801**, and **51, 20.142, 67.995** is the 20% darker color. If you saturate the color by 10%, you get **68, 27.775, 67.016**, and if you desaturate by 10%, it is **74, 13.166, 69.361**.

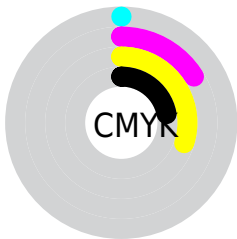
Distribution



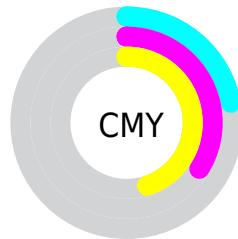
- Red (78%)
- Green (66%)
- Blue (55%)



- Red (78%)
- Yellow (76%)
- Blue (55%)



- Cyan (0%)
- Magenta (16%)
- Yellow (30%)
- Black (22%)



- Cyan (22%)
- Magenta (34%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 20.282, 68.182 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 71, 20.282, 68.182 by changing the saturation by 10% instead.

■ 71, 20.282, 68.182

■ 71, 20.282, 68.182

■ 100, 20.282,
68.182

■ 61, 20.282, 68.182

■ 91, 20.282, 68.182

■ 51, 20.282, 68.182

■ 41, 20.282, 68.182

■ 31, 20.282, 68.182

■ 21, 20.282, 68.182

■ 11, 20.282, 68.182

■ 1, 20.282, 68.182

■ 0, 20.282, 68.182

■ 71, 20.282, 68.182

■ 71, 20.282, 68.182

68, 27.775, 67.016

74, 13.166, 69.361

65, 35.631, 65.844

77, 6.411, 70.507

62, 43.779, 64.660

81, 0.011, 289.896

59, 52.034, 63.416

84, 6.127, 252.941

57, 59.990, 61.991

87, 11.975,
254.024

54, 66.882, 60.132

90, 15.638,
248.937

52, 72.140, 57.713

52, 72.141, 57.712

93, 15.213,
223.430

96, 17.546,
201.121

96, 18.096,
198.308

Harmonies

Complementary

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



71, 20.282, 68.182



69, 18.350, 256.301

Rectangle

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



71, 20.282, 68.182



71, 20.282, 118.182



71, 20.282, 248.182



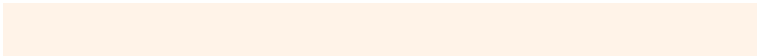
71, 20.282, 298.182

Sweetspot

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



71, 20.282, 68.190



96, 7.014, 70.603



65, 28.704, 344.567



51, 4.893, 70.439



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 20.282, 68.190



86, 30.166, 67.424



79, 30.553, 105.842



40, 3.614, 70.575



43, 61.804, 58.318



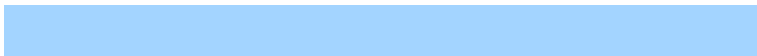
7, 12.963, 53.562

Inverse Universe

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



69, 18.350, 256.301



83, 26.624, 257.653



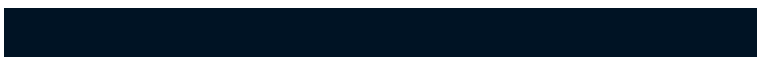
61, 32.693, 292.573



40, 3.519, 252.970



37, 47.929, 280.126



5, 13.487, 267.243

Previews

White Background



This preview shows how the CIELCh color 71, 20.282, 68.182 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 71, 20.282, 68.182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

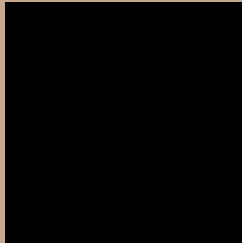
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 20.282, 68.182

Background



This preview shows how black text looks on a background with the CIELCh color 71, 20.282, 68.182.



This preview shows how white text looks on a background with the CIELCh color 71, 20.282, 68.182.

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

71, 20.282, 68.182

Protanopia

71, 17.290, 94.987

Deuteranopia

71, 20.761, 64.725



Tritanopia

71, 17.184, 356.804

Trichromacy



Original Color
71, 20.282, 68.182

Protanomaly
71, 17.897, 84.394

Deuteranomaly
71, 20.462, 65.543

Tritanomaly
71, 15.012, 24.816

Monochromacy



Original Color
71, 20.282, 68.182

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 6.906, 71.398

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 20.282, 68.182 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(200, 168, 140)` looks like.

```
.text, #text, p{  
    color:rgb(200, 168, 140)  
}
```

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(200, 168, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 168, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 20.282, 68.182 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(200, 168, 140) }
```

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

```
.border{ border-color:rgb(200, 168, 140) }
```

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

Here you see how a box with a 4 pixel rgb(200, 168, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 168, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 168, 140);  
box-shadow:4px 4px 4px 4px rgb(200, 168,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 20.282, 68.182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 168, 140) }
```

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

```
.background{ background-color: rgb(200,  
168, 140) }
```

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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