

Converting Colors

CIELCh(68, 20.200, 82.971)

Have a look what the booklet for
CIELCh(68, 20.200, 82.971) contains.

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Color

CIELCh(68, 20.142, 82.624)

Conversions

Conversions Part 1

Format	Color
Hex	B8A382
RGB	184, 163, 130
RGB Percent	72%, 64%, 51%
CMY	0.2786, 0.3610, 0.4904
CMYK	0.00, 0.11, 0.29, 0.28
HSL	37°, 28%, 62%
HSV	37°, 29%, 72%
XYZ	36.8701, 37.9720, 26.4886
YIQ	165.5170, 23.1090, -5.8110

Conversions

Conversions Part 2

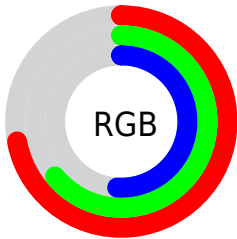
Format	Color
RYB	164, 184, 130
Decimal	12100482
CIELab	68.00, 2.59, 19.98
CIElCh	68, 20.142, 82.624
Yxy	37.9720, 0.3639, 0.3747
Android (android.graphics.Color)	4290290562 (0xFFB8A382)
YUV	165.5170, -17.5099, 16.2096
Hunter-Lab	61.6215, -1.0353, 17.6486

Details

The CIELCh color **68, 20.142, 82.624** is a light color, and the websafe version is hex **999966**. A complement of this color would be **62, 19.584, 270.999**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 20.301, 82.580**, and **48, 20.219, 82.328** is the 20% darker color. If you saturate the color by 10%, you get **66, 27.368, 81.269**, and if you desaturate by 10%, it is **70, 13.093, 83.952**.

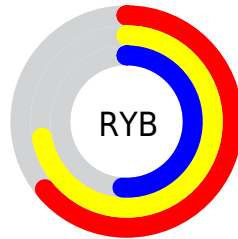
Distribution



Red (72%)

Green (64%)

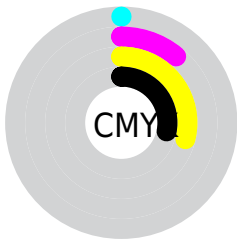
Blue (51%)



Red (64%)

Yellow (72%)

Blue (51%)

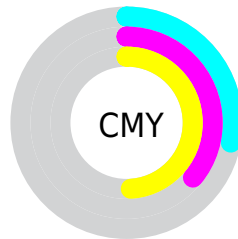


Cyan (0%)

Magenta (11%)

Yellow (29%)

Black (28%)



Cyan (28%)

Magenta (36%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 20.142, 82.624 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 68, 20.142, 82.624 by changing the saturation by 10% instead.

■ 68, 20.142, 82.624

■ 68, 20.142, 82.624

■ 100, 20.142,
82.624

■ 58, 20.142, 82.624

■ 88, 20.142, 82.624

■ 48, 20.142, 82.624

■ 98, 20.142, 82.624

■ 38, 20.142, 82.624

■ 28, 20.142, 82.624

■ 18, 20.142, 82.624

■ 8, 20.142, 82.624

■ 0, 20.142, 82.624

■ 68, 20.142, 82.624

■ 68, 20.142, 82.624

■ 66, 27.368, 81.269

■ 70, 13.093, 83.952

64, 34.718, 79.867

73, 6.234, 85.220

62, 42.080, 78.412

75, 0.433, 267.121

60, 49.227, 76.865

77, 6.920, 267.751

58, 55.739, 75.145

80, 13.240,
268.886

56, 60.945, 73.088

82, 19.407,
269.981

54, 64.462, 70.596

84, 23.659,
268.987

54, 64.692, 70.443

86, 21.248,
258.669

88, 19.657,
246.360

Harmonies

Complementary

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



68, 20.142, 82.624



62, 19.584, 270.999

Rectangle

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



68, 20.142, 82.624



68, 20.142, 132.624



68, 20.142, 262.624



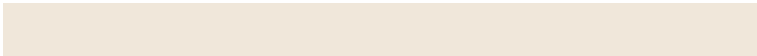
68, 20.142, 312.624

Sweetspot

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



68, 20.143, 82.631



92, 7.436, 85.245



60, 24.301, 352.398



49, 5.176, 85.067



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



68, 20.143, 82.631



85, 30.035, 81.787



73, 28.928, 111.736



38, 3.770, 85.223



46, 57.124, 70.906



6, 9.241, 73.961

Inverse Universe

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



62, 19.584, 270.999



76, 29.022, 272.267



57, 30.995, 297.037



37, 3.746, 267.703



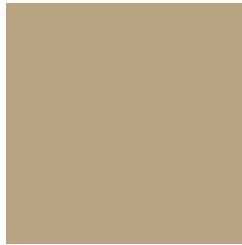
29, 60.758, 292.641



3, 11.287, 274.880

Previews

White Background



This preview shows how the CIELCh color 68, 20.142, 82.624 looks on a white background.

Color Contrast Check

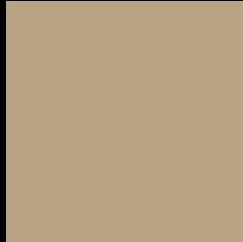
Large Text (above 18pt) WCAG AA × Fail

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 68, 20.142, 82.624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

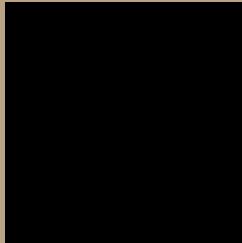
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 20.142, 82.624

Background



This preview shows how black text looks on a background with the CIELCh color 68, 20.142, 82.624.



This preview shows how white text looks on a background with the CIELCh color 68, 20.142, 82.624.

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

68, 20.142, 82.624

Protanopia

68, 19.568, 96.046

Deuteranopia

68, 21.410, 65.513



Tritanopia
68, 13.581, 351.739

Trichromacy



Original Color
68, 20.142, 82.624

Protanomaly
68, 19.495, 90.997

Deuteranomaly
68, 20.389, 70.702

Tritanomaly
68, 11.047, 34.584

Monochromacy



Original Color
68, 20.142, 82.624

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 7.289, 83.931

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 20.142, 82.624 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(184, 163, 130)` looks like.

```
.text, #text, p{  
    color:rgb(184, 163, 130)  
}
```

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(184, 163, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 163, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 20.142, 82.624 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(184, 163, 130) }
```

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

```
.border{ border-color:rgb(184, 163, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 163, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 163, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 163, 130);  
box-shadow:4px 4px 4px 4px rgb(184, 163,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 20.142, 82.624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 163, 130) }
```

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

```
.background{ background-color: rgb(184,  
163, 130) }
```

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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