

Converting Colors

CIELCh(71, 31.744, 68.888)

Have a look what the booklet for
CIELCh(71, 31.744, 68.888) contains.

CIELCh(71, 32.091, 68.895)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(71, 32.091, 68.895)

Conversions

Conversions Part 1

Format	Color
Hex	D4A578
RGB	212, 165, 120
RGB Percent	83%, 65%, 47%
CMY	0.1692, 0.3535, 0.5299
CMYK	0.00, 0.22, 0.43, 0.17
HSL	29°, 52%, 65%
HSV	29°, 43%, 83%
XYZ	43.9201, 42.1875, 23.5550
YIQ	173.9230, 42.4570, -4.0310

Conversions

Conversions Part 2

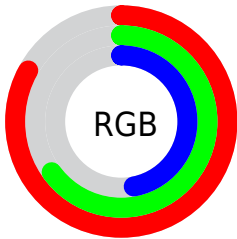
Format	Color
R _Y B	212, 208, 120
Decimal	13935992
CIE Lab	71.00, 11.56, 29.94
CIE LCh	71, 32.091, 68.895
Yxy	42.1875, 0.4005, 0.3847
Android (android.graphics.Color)	4292126072 (0xFFD4A578)
YUV	173.9230, -26.5840, 33.3935
Hunter-Lab	64.9519, 7.0348, 23.9647

Details

The CIELCh color **71, 32.091, 68.895** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **67, 28.073, 261.937**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 28.150, 78.652**, and **51, 31.830, 68.769** is the 20% darker color. If you saturate the color by 10%, you get **68, 40.404, 67.649**, and if you desaturate by 10%, it is **74, 24.102, 70.140**.

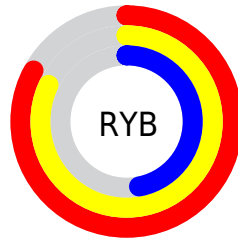
Distribution



Red (83%)

Green (65%)

Blue (47%)



Red (83%)

Yellow (82%)

Blue (47%)

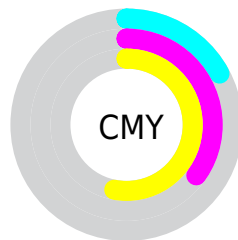


Cyan (0%)

Magenta (22%)

Yellow (43%)

Black (17%)



Cyan (17%)

Magenta (35%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 32.091, 68.895 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, 32.091, 68.895 by changing the saturation by 10% instead.

71, 32.091, 68.895

71, 32.091, 68.895

100, 32.091,
68.895

61, 32.091, 68.895

91, 32.091, 68.895

51, 32.091, 68.895

41, 32.091, 68.895

31, 32.091, 68.895

21, 32.091, 68.895

11, 32.091, 68.895

1, 32.091, 68.895

0, 32.091, 68.895

71, 32.091, 68.895

71, 32.091, 68.895

68, 40.404, 67.649

74, 24.102, 70.140

65, 48.923, 66.361

77, 16.477, 71.371

62, 57.372, 64.967

80, 9.212, 72.580

60, 65.190, 63.308

84, 2.287, 73.662

57, 71.426, 61.080

87, 4.328, 255.111

56, 74.605, 59.338

90, 10.664,
256.211

93, 11.963,
237.414

96, 13.297,
206.564

97, 14.415,
198.545

Harmonies

Complementary

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



71, 32.091, 68.895



67, 28.073, 261.937

Rectangle

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



71, 32.091, 68.895



71, 32.091, 118.895



71, 32.091, 248.895



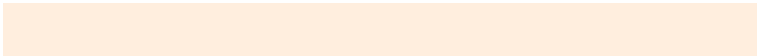
71, 32.091, 298.895

Sweetspot

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



71, 32.091, 68.900



95, 10.366, 72.613



62, 42.936, 347.095



50, 7.293, 72.347



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, 32.091, 68.900



81, 45.629, 67.758



83, 46.476, 105.283



43, 3.893, 73.047



46, 63.351, 59.949



10, 17.040, 57.967

Inverse Universe

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



67, 28.073, 261.937



75, 38.716, 264.435



55, 51.964, 295.577



43, 3.802, 255.516



37, 52.054, 282.702



7, 16.928, 271.846

Previews

White Background



This preview shows how the CIELCh color 71, 32.091, 68.895 looks on a white background.

Color Contrast Check

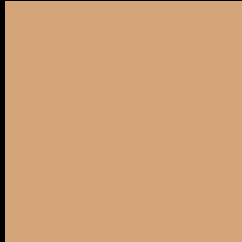
Large Text (above 18pt) WCAG AA × Fail

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, 32.091, 68.895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

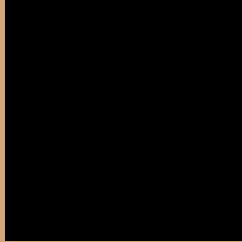
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 32.091, 68.895

Background



This preview shows how black text looks on a background with the CIELCh color 71, 32.091, 68.895.



This preview shows how white text looks on a background with the CIELCh color 71, 32.091, 68.895.

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
71, 23.807, 5.945

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 32.091, 68.895 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(212, 165, 120)` looks like.

```
.text, #text, p{  
    color:rgb(212, 165, 120)  
}
```

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(212, 165, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 165, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 32.091, 68.895 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(212, 165, 120) }
```

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

```
.border{ border-color:rgb(212, 165, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 165, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 165, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 165, 120);  
box-shadow:4px 4px 4px 4px rgb(212, 165,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 32.091, 68.895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 165, 120) }
```

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

```
.background{ background-color: rgb(212,  
165, 120) }
```

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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