

Converting Colors

CIELCh(71, 32.253, 90.119)

Have a look what the booklet for
CIELCh(71, 32.253, 90.119) contains.

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Color

CIELCh(71, 32.220, 90.145)

Conversions

Conversions Part 1

Format	Color
Hex	C2AC73
RGB	194, 172, 115
RGB Percent	76%, 67%, 45%
CMY	0.2394, 0.3256, 0.5492
CMYK	0.00, 0.11, 0.41, 0.24
HSL	43°, 39%, 61%
HSV	43°, 41%, 76%
XYZ	40.0718, 42.1875, 22.2375
YIQ	172.0800, 31.4090, -13.0630

Conversions

Conversions Part 2

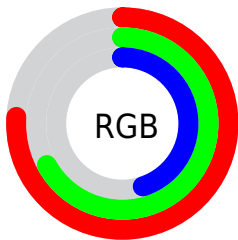
Format	Color
RYB	145, 194, 115
Decimal	12758131
CIELab	71.00, -0.08, 32.22
CIELCh	71, 32.220, 90.145
Yxy	42.1875, 0.3835, 0.4037
Android (android.graphics.Color)	4290948211 (0xFFC2AC73)
YUV	172.0800, -28.1404, 19.2238
Hunter-Lab	64.9519, -3.5410, 25.1673

Details

The CIELCh color **71, 32.220, 90.145** is a light color, and the websafe version is hex **999966**. A complement of this color would be **57, 32.878, 281.881**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 31.983, 89.604**, and **51, 32.139, 90.105** is the 20% darker color. If you saturate the color by 10%, you get **69, 40.182, 88.802**, and if you desaturate by 10%, it is **73, 24.201, 91.461**.

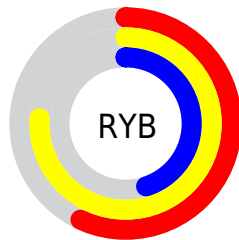
Distribution



Red (76%)

Green (67%)

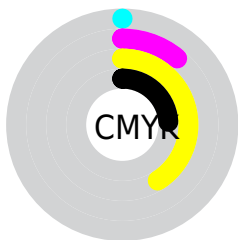
Blue (45%)



Red (57%)

Yellow (76%)

Blue (45%)

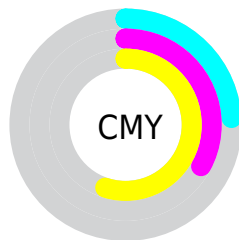


Cyan (0%)

Magenta (11%)

Yellow (41%)

Black (24%)



Cyan (24%)

Magenta (33%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 32.220, 90.145 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, 32.220, 90.145 by changing the saturation by 10% instead.

■ 71, 32.220, 90.145

■ 71, 32.220, 90.145

■ 100, 32.220,
90.145

■ 61, 32.220, 90.145

■ 91, 32.220, 90.145

■ 51, 32.220, 90.145

■ 41, 32.220, 90.145

■ 31, 32.220, 90.145

■ 21, 32.220, 90.145

■ 11, 32.220, 90.145

■ 1, 32.220, 90.145

■ 0, 32.220, 90.145

■ 71, 32.220, 90.145

■ 71, 32.220, 90.145

69, 40.182, 88.802

73, 24.201, 91.461

68, 47.901, 87.413

75, 16.220, 92.735

66, 55.056, 85.959

76, 8.330, 93.964

65, 61.127, 84.388

78, 0.553, 94.824

63, 65.417, 82.601

80, 7.103, 276.364

62, 67.695, 80.711

82, 14.638,
277.451

84, 22.058,
278.497

86, 21.812,
273.579

87, 19.723,
265.711

Harmonies

Complementary

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



71, 32.220, 90.145



57, 32.878, 281.881

Rectangle

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



71, 32.220, 90.145



71, 32.220, 140.145



71, 32.220, 270.145



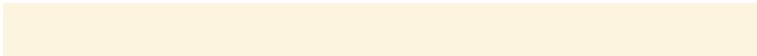
71, 32.220, 320.145

Sweetspot

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



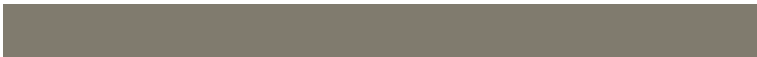
71, 32.221, 90.150



96, 11.555, 93.788



58, 33.901, 2.104



52, 7.736, 93.626



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, 32.221, 90.150



88, 48.079, 88.932



76, 41.983, 115.961



40, 4.394, 94.126



52, 58.927, 81.068



9, 13.227, 85.133

Inverse Universe

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



57, 32.878, 281.881



68, 49.555, 283.992



53, 46.134, 302.130



38, 4.416, 276.473



25, 74.362, 299.030



3, 15.764, 282.181

Previews

White Background



This preview shows how the CIELCh color 71, 32.220, 90.145 looks on a white background.

Color Contrast Check

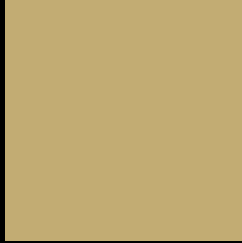
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 71, 32.220, 90.145 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, 32.220, 90.145

Background



This preview shows how black text looks on a background with the CIELCh color 71, 32.220, 90.145.



This preview shows how white text looks on a background with the CIELCh color 71, 32.220, 90.145.

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, 32.220, 90.145

Protanopia

71, 31.878, 95.527

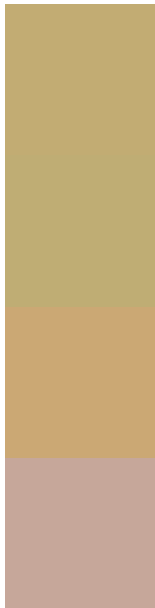
Deuteranopia

71, 32.953, 74.206



Tritanopia
71, 15.425, 353.599

Trichromacy



Original Color
71, 32.220, 90.145

Protanomaly
71, 31.697, 93.120

Deuteranomaly
71, 32.167, 79.522

Tritanomaly
71, 14.341, 49.647

Monochromacy



Original Color
71, 32.220, 90.145

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 11.853, 93.505

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 32.220, 90.145 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(194, 172, 115)` looks like.

```
.text, #text, p{  
    color:rgb(194, 172, 115)  
}
```

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(194, 172, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 172, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 32.220, 90.145 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(194, 172, 115) }
```

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

```
.border{ border-color:rgb(194, 172, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 172, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 172, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 172, 115);  
box-shadow:4px 4px 4px 4px rgb(194, 172,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 32.220, 90.145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 172, 115) }
```

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

```
.background{ background-color: rgb(194,  
172, 115) }
```

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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