

Converting Colors

CIELCh(71, 32.062, 61.845)

Have a look what the booklet for
CIELCh(71, 32.062, 61.845) contains.

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Color

CIELCh(71, 32.214, 62.312)

Conversions

Conversions Part 1

Format	Color
Hex	D9A37B
RGB	217, 163, 123
RGB Percent	85%, 64%, 48%
CMY	0.1505, 0.3621, 0.5189
CMYK	0.00, 0.25, 0.43, 0.15
HSL	26°, 55%, 67%
HSV	26°, 43%, 85%
XYZ	45.0938, 42.1875, 24.3966
YIQ	174.5860, 45.0240, -0.9920

Conversions

Conversions Part 2

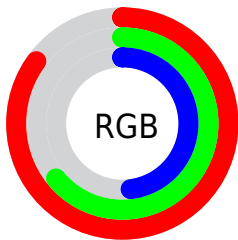
Format	Color
R _Y B	217, 193, 123
Decimal	14263163
CIE Lab	71.00, 14.97, 28.53
CIE LCh	71, 32.214, 62.312
Yxy	42.1875, 0.4038, 0.3778
Android (android.graphics.Color)	4292453243 (0xFFD9A37B)
YUV	174.5860, -25.4319, 37.1971
Hunter-Lab	64.9519, 10.2604, 23.1964

Details

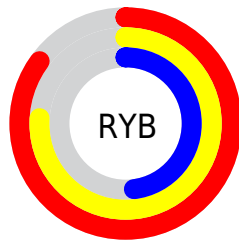
The CIELCh color **71, 32.214, 62.312** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **70, 26.733, 254.213**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 26.384, 74.756**, and **51, 32.062, 61.845** is the 20% darker color. If you saturate the color by 10%, you get **68, 40.825, 61.307**, and if you desaturate by 10%, it is **74, 24.043, 63.351**.

Distribution



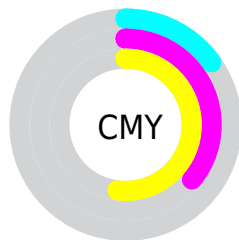
- Red (85%)
- Green (64%)
- Blue (48%)



- Red (85%)
- Yellow (76%)
- Blue (48%)



- Cyan (0%)
- Magenta (25%)
- Yellow (43%)
- Black (15%)



- Cyan (15%)
- Magenta (36%)
- Yellow (52%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 32.214, 62.312 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, 32.214, 62.312 by changing the saturation by 10% instead.

 71, 32.214, 62.312

 71, 32.214, 62.312

 100, 32.214,
62.312

 61, 32.214, 62.312

 91, 32.214, 62.312

 51, 32.214, 62.312

 41, 32.214, 62.312

 31, 32.214, 62.312

 21, 32.214, 62.312

 11, 32.214, 62.312

 1, 32.214, 62.312

 0, 32.214, 62.312

 71, 32.214, 62.312

 71, 32.214, 62.312

68, 40.825, 61.307

74, 24.043, 63.351

64, 49.781, 60.300

78, 16.334, 64.406

61, 58.832, 59.226

82, 9.070, 65.465

59, 67.427, 57.914

85, 2.218, 66.397

56, 74.554, 56.019

89, 4.263, 247.787

54, 78.308, 54.468

93, 10.412,
248.790

96, 11.378,
212.497

97, 12.892,
198.645

Harmonies

Complementary

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



71, 32.214, 62.312



70, 26.733, 254.213

Rectangle

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



71, 32.214, 62.312



71, 32.214, 112.312



71, 32.214, 242.312



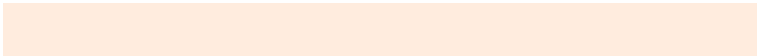
71, 32.214, 292.312

Sweetspot

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



71, 32.214, 62.317



95, 10.058, 65.491



63, 45.414, 343.354



50, 7.085, 65.257



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, 32.214, 62.317



79, 45.288, 61.397



83, 44.540, 102.049



43, 3.770, 65.873



43, 65.288, 55.123



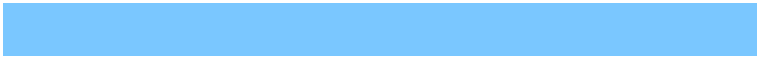
9, 17.234, 50.525

Inverse Universe

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



70, 26.733, 254.213



77, 35.933, 256.644



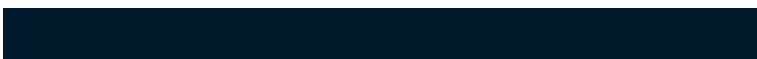
57, 49.009, 292.937



43, 3.647, 248.146



41, 45.752, 275.431



8, 15.398, 264.353

Previews

White Background



This preview shows how the CIELCh color 71, 32.214, 62.312 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, 32.214, 62.312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

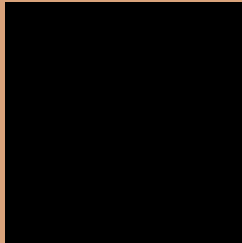
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 32.214, 62.312

Background



This preview shows how black text looks on a background with the CIELCh color 71, 32.214, 62.312.



This preview shows how white text looks on a background with the CIELCh color 71, 32.214, 62.312.

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, 32.214, 62.312

Protanopia

71, 25.978, 95.602

Deuteranopia

71, 30.090, 73.254



Tritanopia

71, 25.751, 7.397

Trichromacy



Original Color
71, 32.214, 62.312

Protanomaly
71, 27.243, 82.054

Deuteranomaly
71, 30.633, 69.033

Tritanomaly
71, 24.734, 30.282

Monochromacy



Original Color
71, 32.214, 62.312

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 11.127, 66.756

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 32.214, 62.312 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(217, 163, 123)` looks like.

```
.text, #text, p{  
    color:rgb(217, 163, 123)  
}
```

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(217, 163, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 163, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 32.214, 62.312 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(217, 163, 123) }
```

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

```
.border{ border-color:rgb(217, 163, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 163, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 163, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 163, 123);  
box-shadow:4px 4px 4px 4px rgb(217, 163,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 32.214, 62.312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 163, 123) }
```

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

```
.background{ background-color: rgb(217,  
163, 123) }
```

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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