

Converting Colors

CIELCh(71, 27.441, 56.722)

Have a look what the booklet for
CIELCh(71, 27.441, 56.722) contains.

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Color

CIELCh(71, 27.295, 56.944)

Conversions

Conversions Part 1

Format	Color
Hex	D6A385
RGB	214, 163, 133
RGB Percent	84%, 64%, 52%
CMY	0.1608, 0.3607, 0.4784
CMYK	0.00, 0.24, 0.38, 0.16
HSL	22°, 50%, 68%
HSV	22°, 38%, 84%
XYZ	45.0660, 42.1875, 27.9604
YIQ	174.8290, 40.0260, 1.4820

Conversions

Conversions Part 2

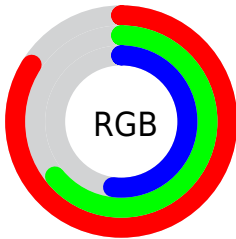
Format	Color
RYB	214, 181, 133
Decimal	14066565
CIELab	71.00, 14.89, 22.88
CIELCh	71, 27.295, 56.944
Yxy	42.1875, 0.3912, 0.3662
Android (android.graphics.Color)	4292256645 (0xFFD6A385)
YUV	174.8290, -20.6217, 34.3530
Hunter-Lab	64.9519, 10.1840, 19.9433

Details

The CIELCh color $71, 27.295, 56.944$ is a light color, and the websafe version is hex `CC9966`. A complement of this color would be $72, 22.423, 245.620$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 22.106, 68.169$, and $51, 27.541, 56.598$ is the 20% darker color. If you saturate the color by 10%, you get $67, 35.723, 56.198$, and if you desaturate by 10%, it is $75, 19.395, 57.762$.

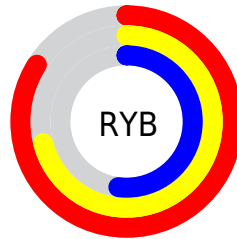
Distribution



Red (84%)

Green (64%)

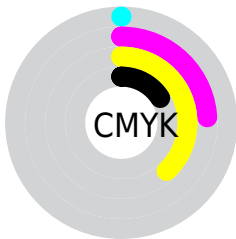
Blue (52%)



Red (84%)

Yellow (71%)

Blue (52%)

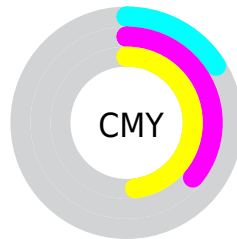


Cyan (0%)

Magenta (24%)

Yellow (38%)

Black (16%)



Cyan (16%)

Magenta (36%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 27.295, 56.944 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, 27.295, 56.944 by changing the saturation by 10% instead.

 71, 27.295, 56.944

 71, 27.295, 56.944

 100, 27.295,
56.944

 61, 27.295, 56.944

 91, 27.295, 56.944

 51, 27.295, 56.944

 41, 27.295, 56.944

 31, 27.295, 56.944

 21, 27.295, 56.944

 11, 27.295, 56.944

 1, 27.295, 56.944

 0, 27.295, 56.944

 71, 27.295, 56.944

 71, 27.295, 56.944

67, 35.723, 56.198

75, 19.395, 57.762

64, 44.644, 55.504

79, 12.010, 58.616

61, 53.926, 54.839

83, 5.106, 59.467

58, 63.233, 54.097

86, 1.363, 240.848

55, 71.833, 53.026

91, 7.443, 241.490

52, 78.592, 51.236

94, 11.380,
229.270

52, 79.966, 50.890

97, 13.729,
198.590

Harmonies

Complementary

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



71, 27.295, 56.944



72, 22.423, 245.620

Rectangle

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



71, 27.295, 56.944



71, 27.295, 106.944



71, 27.295, 236.944



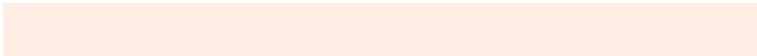
71, 27.295, 286.944

Sweetspot

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



71, 27.294, 56.950



95, 8.341, 59.198



65, 40.700, 340.208



50, 5.630, 59.081



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, 27.294, 56.950



80, 38.411, 56.372



81, 36.922, 99.953



43, 3.714, 59.339



42, 67.248, 51.479



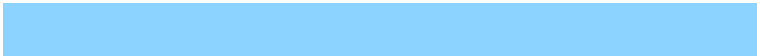
8, 17.630, 44.470

Inverse Universe

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



72, 22.423, 245.620



82, 30.123, 247.286



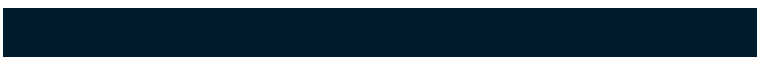
61, 39.492, 289.587



43, 3.564, 241.331



44, 40.984, 267.732



9, 14.250, 256.325

Previews

White Background



This preview shows how the CIELCh color 71, 27.295, 56.944 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, 27.295, 56.944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

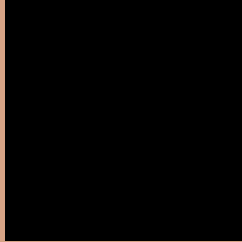
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 27.295, 56.944

Background



This preview shows how black text looks on a background with the CIELCh color 71, 27.295, 56.944.



This preview shows how white text looks on a background with the CIELCh color 71, 27.295, 56.944.

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, 27.295, 56.944

Protanopia

71, 20.019, 95.270

Deuteranopia

71, 25.046, 68.861



Tritanopia

71, 24.189, 6.247

Trichromacy



Original Color
71, 27.295, 56.944

Protanomaly
71, 21.474, 78.306

Deuteranomaly
71, 25.823, 65.359

Tritanomaly
71, 22.967, 25.477

Monochromacy



Original Color
71, 27.295, 56.944

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 9.260, 59.889

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 27.295, 56.944 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(214, 163, 133)` looks like.

```
.text, #text, p{  
    color:rgb(214, 163, 133)  
}
```

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(214, 163, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 163, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 27.295, 56.944 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(214, 163, 133) }
```

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

```
.border{ border-color:rgb(214, 163, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 163, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 163, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 163, 133);  
box-shadow:4px 4px 4px 4px rgb(214, 163,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 27.295, 56.944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 163, 133) }
```

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

```
.background{ background-color: rgb(214,  
163, 133) }
```

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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