

Converting Colors

CIELCh(71, 32.844, 66.487)

Have a look what the booklet for
CIELCh(71, 32.844, 66.487) contains.

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Color

CIELCh(71, 32.586, 66.672)

Conversions

Conversions Part 1

Format	Color
Hex	D6A478
RGB	214, 164, 120
RGB Percent	84%, 64%, 47%
CMY	0.1609, 0.3570, 0.5295
CMYK	0.00, 0.23, 0.44, 0.16
HSL	28°, 53%, 65%
HSV	28°, 44%, 84%
XYZ	44.3814, 42.1875, 23.5645
YIQ	173.9340, 43.9240, -3.0840

Conversions

Conversions Part 2

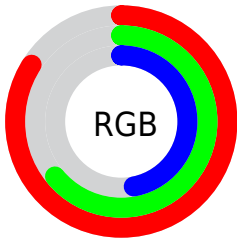
Format	Color
R_{YB}	214, 203, 120
Decimal	14066808
CIE _{Lab}	71.00, 12.90, 29.92
CIE _{LCh}	71, 32.586, 66.672
Yxy	42.1875, 0.4030, 0.3831
Android (android.graphics.Color)	4292256888 (0xFFD6A478)
YUV	173.9340, -26.5895, 35.1379
Hunter-Lab	64.9519, 8.3025, 23.9560

Details

The CIELCh color $71, 32.586, 66.672$ is a light color, and the websafe version is hex `CC9966`. A complement of this color would be $68, 27.955, 259.614$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 27.931, 77.484$, and $51, 32.400, 66.390$ is the 20% darker color. If you saturate the color by 10%, you get $68, 41.023, 65.494$, and if you desaturate by 10%, it is $74, 24.510, 67.859$.

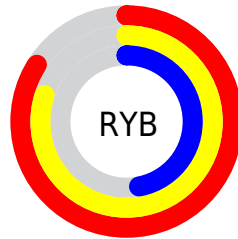
Distribution



Red (84%)

Green (64%)

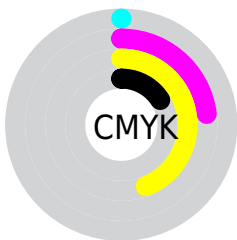
Blue (47%)



Red (84%)

Yellow (80%)

Blue (47%)

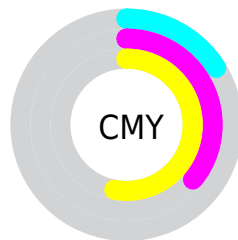


Cyan (0%)

Magenta (23%)

Yellow (44%)

Black (16%)



Cyan (16%)

Magenta (36%)

Yellow (53%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 32.586, 66.672 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, 32.586, 66.672 by changing the saturation by 10% instead.

 71, 32.586, 66.672

 71, 32.586, 66.672

 100, 32.586,
66.672

 61, 32.586, 66.672

 91, 32.586, 66.672

 51, 32.586, 66.672

 41, 32.586, 66.672

 31, 32.586, 66.672

 21, 32.586, 66.672

 11, 32.586, 66.672

 1, 32.586, 66.672

 0, 32.586, 66.672

 71, 32.586, 66.672

 71, 32.586, 66.672

68, 41.023, 65.494

74, 24.510, 67.859

65, 49.705, 64.283

77, 16.831, 69.042

62, 58.353, 62.971

81, 9.542, 70.211

59, 66.387, 61.387

84, 2.620, 71.275

57, 72.816, 59.204

88, 3.970, 252.697

56, 75.911, 57.644

91, 10.261,
253.766

94, 11.382,
229.918

97, 13.741,
198.589

Harmonies

Complementary

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



71, 32.586, 66.672



68, 27.955, 259.614

Rectangle

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



71, 32.586, 66.672



71, 32.586, 116.672



71, 32.586, 246.672



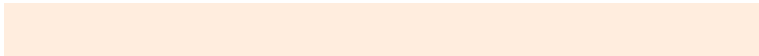
71, 32.586, 296.672

Sweetspot

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



71, 32.586, 66.677



95, 10.247, 70.303



62, 44.187, 346.197



50, 7.212, 70.046



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, 32.586, 66.677



80, 46.439, 65.541



83, 46.677, 104.463



43, 3.846, 70.723



45, 63.944, 58.280



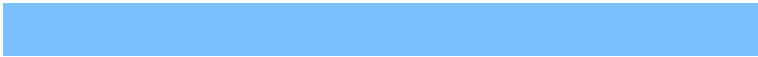
9, 17.071, 55.463

Inverse Universe

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



68, 27.955, 259.614



75, 38.392, 262.267



55, 52.089, 295.055



43, 3.744, 253.142



39, 49.885, 280.464



7, 16.409, 269.601

Previews

White Background



This preview shows how the CIELCh color 71, 32.586, 66.672 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, 32.586, 66.672 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

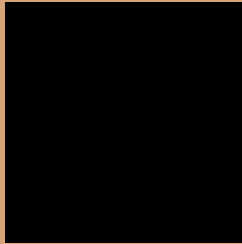
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 32.586, 66.672

Background



This preview shows how black text looks on a background with the CIELCh color 71, 32.586, 66.672.



This preview shows how white text looks on a background with the CIELCh color 71, 32.586, 66.672.

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](#).

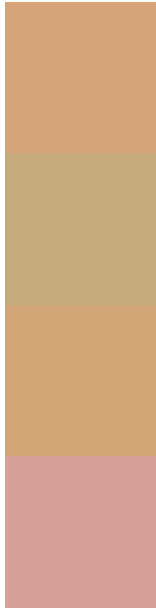
Dichromacy





Tritanopia
71, 25.072, 5.632

Trichromacy



Original Color
71, 32.586, 66.672

Protanomaly
71, 28.042, 83.601

Deuteranomaly
71, 32.103, 71.664

Tritanomaly
71, 23.622, 31.886

Monochromacy



Original Color
71, 32.586, 66.672

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 11.546, 68.481

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 32.586, 66.672 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, 164, 120)` looks like.

```
.text, #text, p{  
    color:rgb(214, 164, 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(214, 164, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 164, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 32.586, 66.672 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, 164, 120) }
```

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

```
.border{ border-color:rgb(214, 164, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 164, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 164, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 164, 120);  
box-shadow:4px 4px 4px 4px rgb(214, 164,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 32.586, 66.672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 164, 120) }
```

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

```
.background{ background-color: rgb(214,  
164, 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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