

Converting Colors

CIELCh(74, 28.481, 82.042)

Have a look what the booklet for
CIELCh(74, 28.481, 82.042) contains.

CIELCh(74, 28.655, 82.608)	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(74, 28.655, 82.608)

Conversions

Conversions Part 1

Format	Color
Hex	CFB282
RGB	207, 178, 130
RGB Percent	81%, 70%, 51%
CMY	0.1883, 0.3020, 0.4903
CMYK	0.00, 0.14, 0.37, 0.19
HSL	37°, 44%, 66%
HSV	37°, 37%, 81%
XYZ	45.6684, 46.7039, 27.7186
YIQ	181.1990, 32.6920, -8.7800

Conversions

Conversions Part 2

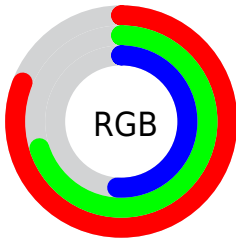
Format	Color
RYB	177, 207, 130
Decimal	13611650
CIELab	74.00, 3.69, 28.42
CIElCh	74, 28.655, 82.608
Yxy	46.7039, 0.3803, 0.3889
Android (android.graphics.Color)	4291801730 (0xFFCFB282)
YUV	181.1990, -25.2411, 22.6275
Hunter-Lab	68.3403, -0.3130, 23.7904

Details

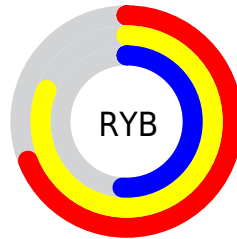
The CIELCh color **74, 28.655, 82.608** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **65, 27.827, 273.735**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 27.404, 90.734**, and **54, 28.476, 82.294** is the 20% darker color. If you saturate the color by 10%, you get **72, 36.756, 81.208**, and if you desaturate by 10%, it is **76, 20.689, 83.978**.

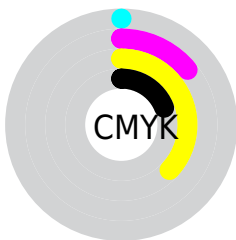
Distribution



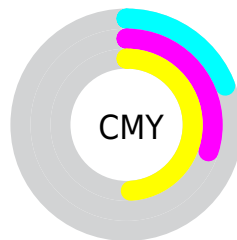
- Red (81%)
- Green (70%)
- Blue (51%)



- Red (69%)
- Yellow (81%)
- Blue (51%)



- Cyan (0%)
- Magenta (14%)
- Yellow (37%)
- Black (19%)



- Cyan (19%)
- Magenta (30%)
- Yellow (49%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 28.655, 82.608 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 74, 28.655, 82.608 by changing the saturation by 10% instead.

 74, 28.655, 82.608

 74, 28.655, 82.608

 100, 28.655,
82.608

 64, 28.655, 82.608

 94, 28.655, 82.608

 54, 28.655, 82.608

 44, 28.655, 82.608

 34, 28.655, 82.608

 24, 28.655, 82.608

 14, 28.655, 82.608

 4, 28.655, 82.608

 0, 28.655, 82.608

 74, 28.655, 82.608

 74, 28.655, 82.608

72, 36.756, 81.208

76, 20.689, 83.978

69, 44.873, 79.751

79, 12.907, 85.300

67, 52.774, 78.211

81, 5.326, 86.559

65, 60.026, 76.516

84, 2.055, 267.993

63, 65.921, 74.523

86, 9.247, 269.084

61, 69.678, 72.025

89, 16.263,
270.217

61, 70.576, 71.306

91, 14.194,
254.488

93, 13.216,
233.939

95, 14.007,
213.288

Harmonies

Complementary

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



74, 28.655, 82.608



65, 27.827, 273.735

Rectangle

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



74, 28.655, 82.608



74, 28.655, 132.608



74, 28.655, 262.608



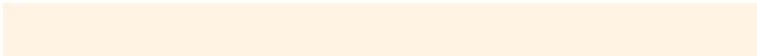
74, 28.655, 312.608

Sweetspot

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



74, 28.656, 82.613



97, 9.694, 86.076



63, 33.791, 354.580



51, 6.526, 85.903



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74, 28.656, 82.613



87, 41.441, 81.444



81, 40.129, 111.828



43, 4.246, 86.290



50, 60.483, 71.816



10, 16.308, 73.729

Inverse Universe

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



65, 27.827, 273.735



74, 40.040, 275.703



58, 43.976, 298.617



41, 4.224, 268.799



30, 66.217, 293.719



5, 18.843, 280.946

Previews

White Background



This preview shows how the CIELCh color 74, 28.655, 82.608 looks on a white background.

Color Contrast Check

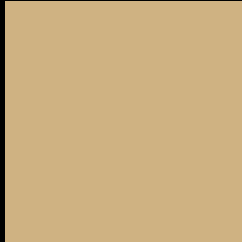
Large Text (above 18pt) WCAG AA × Fail

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 74, 28.655, 82.608 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 74, 28.655, 82.608

Background



This preview shows how black text looks on a background with the CIELCh color 74, 28.655, 82.608.



This preview shows how white text looks on a background with the CIELCh color 74, 28.655, 82.608.

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

74, 28.655, 82.608

Protanopia

74, 27.418, 95.382

Deuteranopia

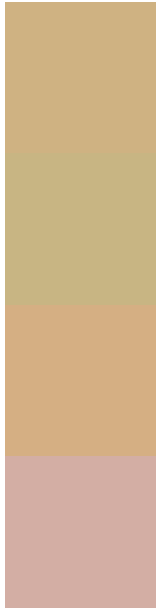
74, 29.446, 71.104



Tritanopia

74, 17.392, 357.287

Trichromacy



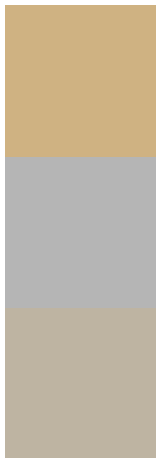
Original Color
74, 28.655, 82.608

Protanomaly
74, 27.989, 91.187

Deuteranomaly
74, 28.827, 74.295

Tritanomaly
74, 15.653, 40.514

Monochromacy



Original Color
74, 28.655, 82.608

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 10.461, 87.303

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 28.655, 82.608 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(207, 178, 130)` looks like.

```
.text, #text, p{  
    color:rgb(207, 178, 130)  
}
```

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(207, 178, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 178, 130) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 28.655, 82.608 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(207, 178, 130) }
```

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

```
.border{ border-color:rgb(207, 178, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 178, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 178, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 178, 130);  
box-shadow:4px 4px 4px 4px rgb(207, 178,  
130) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 28.655, 82.608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 178, 130) }
```

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

```
.background{ background-color: rgb(207,  
178, 130) }
```

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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