

Converting Colors

CIELCh(72, 28.686, 80.152)

Have a look what the booklet for
CIELCh(72, 28.686, 80.152) contains.

CIELCh(72, 28.758, 80.583)	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(72, 28.758, 80.583)

Conversions

Conversions Part 1

Format	Color
Hex	CBAC7D
RGB	203, 172, 125
RGB Percent	80%, 67%, 49%
CMY	0.2041, 0.3256, 0.5100
CMYK	0.00, 0.15, 0.38, 0.20
HSL	36°, 43%, 64%
HSV	36°, 38%, 80%
XYZ	43.0601, 43.6590, 25.5462
YIQ	175.9110, 33.5630, -8.0450

Conversions

Conversions Part 2

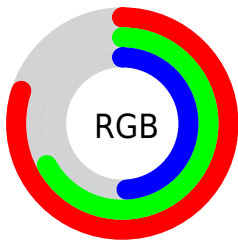
Format	Color
RYB	176, 203, 125
Decimal	13347965
CIELab	72.00, 4.71, 28.37
CIELCh	72, 28.758, 80.583
Yxy	43.6590, 0.3836, 0.3889
Android (android.graphics.Color)	4291538045 (0xFFCBAC7D)
YUV	175.9110, -25.0991, 23.7571
Hunter-Lab	66.0750, 0.6947, 23.3295

Details

The CIELCh color **72, 28.758, 80.583** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **64, 27.572, 272.192**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 27.604, 84.650**, and **52, 28.902, 81.268** is the 20% darker color. If you saturate the color by 10%, you get **70, 36.699, 79.182**, and if you desaturate by 10%, it is **74, 20.973, 81.955**.

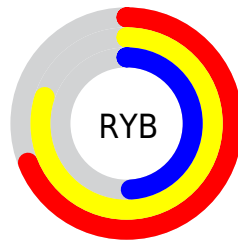
Distribution



Red (80%)

Green (67%)

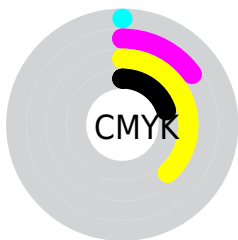
Blue (49%)



Red (69%)

Yellow (80%)

Blue (49%)

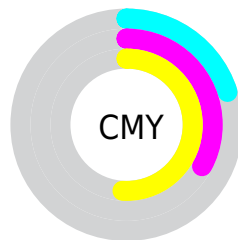


Cyan (0%)

Magenta (15%)

Yellow (38%)

Black (20%)



Cyan (20%)

Magenta (33%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 28.758, 80.583 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 72, 28.758, 80.583 by changing the saturation by 10% instead.

■ 72, 28.758, 80.583

■ 72, 28.758, 80.583

■ 100, 28.758,
80.583

■ 62, 28.758, 80.583

■ 92, 28.758, 80.583

■ 52, 28.758, 80.583

■ 42, 28.758, 80.583

■ 32, 28.758, 80.583

■ 22, 28.758, 80.583

■ 12, 28.758, 80.583

■ 2, 28.758, 80.583

■ 0, 28.758, 80.583

■ 72, 28.758, 80.583

■ 72, 28.758, 80.583

70, 36.699, 79.182

74, 20.973, 81.955

67, 44.681, 77.723

77, 13.393, 83.282

65, 52.467, 76.175

79, 6.030, 84.552

63, 59.615, 74.452

82, 1.118, 266.114

61, 65.400, 72.390

85, 8.064, 267.097

59, 69.166, 69.805

87, 14.825,
268.239

59, 69.721, 69.403

90, 15.946,
259.583

92, 14.402,
240.794

94, 14.592,
220.393

Harmonies

Complementary

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



72, 28.758, 80.583



64, 27.572, 272.192

Rectangle

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



72, 28.758, 80.583



72, 28.758, 130.583



72, 28.758, 260.583



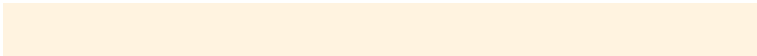
72, 28.758, 310.583

Sweetspot

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



72, 28.758, 80.588



96, 10.395, 84.088



61, 34.627, 353.649



51, 6.909, 83.920



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 28.758, 80.588



86, 41.867, 79.440



79, 40.700, 110.998



42, 4.082, 84.433



48, 59.931, 69.933



9, 14.747, 71.019

Inverse Universe

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



64, 27.572, 272.192



74, 39.825, 274.175



56, 44.796, 298.264



41, 4.051, 266.952



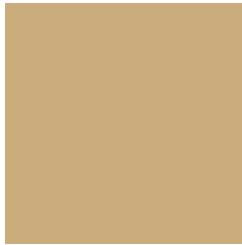
31, 63.052, 292.262



4, 17.066, 278.684

Previews

White Background



This preview shows how the CIELCh color 72, 28.758, 80.583 looks on a white background.

Color Contrast Check

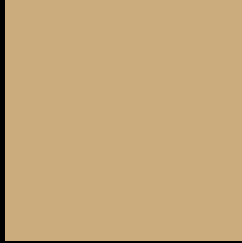
Large Text (above 18pt) WCAG AA × Fail

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 72, 28.758, 80.583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

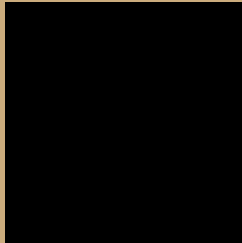
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 28.758, 80.583

Background



This preview shows how black text looks on a background with the CIELCh color 72, 28.758, 80.583.



This preview shows how white text looks on a background with the CIELCh color 72, 28.758, 80.583.

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

72, 28.758, 80.583

Protanopia

72, 27.061, 95.099

Deuteranopia

72, 29.365, 71.639



Tritanopia
72, 17.857, 357.898

Trichromacy



Original Color
72, 28.758, 80.583

Protanomaly
72, 27.780, 89.994

Deuteranomaly
72, 28.757, 74.871

Tritanomaly
72, 15.952, 38.281

Monochromacy



Original Color
72, 28.758, 80.583

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 10.674, 85.281

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 28.758, 80.583 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(203, 172, 125)` looks like.

```
.text, #text, p{  
    color:rgb(203, 172, 125)  
}
```

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(203, 172, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 172, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 28.758, 80.583 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(203, 172, 125) }
```

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

```
.border{ border-color:rgb(203, 172, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 172, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 172, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 172, 125);  
box-shadow:4px 4px 4px 4px rgb(203, 172,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 28.758, 80.583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 172, 125) }
```

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

```
.background{ background-color: rgb(203,  
172, 125) }
```

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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