

Converting Colors

CIELCh(70, 28.722, 81.213)

Have a look what the booklet for
CIELCh(70, 28.722, 81.213) contains.

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Color

CIELCh(70, 28.722, 81.208)

Conversions

Conversions Part 1

Format	Color
Hex	C5A778
RGB	197, 167, 120
RGB Percent	77%, 65%, 47%
CMY	0.2283, 0.3459, 0.5302
CMYK	0.00, 0.15, 0.39, 0.23
HSL	37°, 40%, 62%
HSV	37°, 39%, 77%
XYZ	40.1235, 40.7494, 23.4549
YIQ	170.6120, 32.9670, -8.2570

Conversions

Conversions Part 2

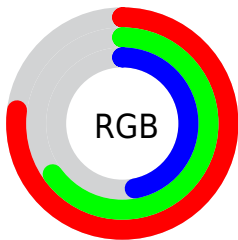
Format	Color
RYB	169, 197, 120
Decimal	12953464
CIELab	70.00, 4.39, 28.38
CIELCh	70, 28.722, 81.208
Yxy	40.7494, 0.3846, 0.3906
Android (android.graphics.Color)	4291143544 (0xFFC5A778)
YUV	170.6120, -24.9517, 23.1423
Hunter-Lab	63.8353, 0.4841, 22.8998

Details

The CIELCh color **70, 28.722, 81.208** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **61, 27.649, 273.023**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 28.623, 80.928**, and **50, 28.610, 80.680** is the 20% darker color. If you saturate the color by 10%, you get **68, 36.486, 79.805**, and if you desaturate by 10%, it is **72, 21.094, 82.581**.

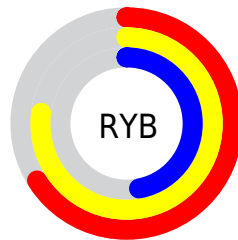
Distribution



Red (77%)

Green (65%)

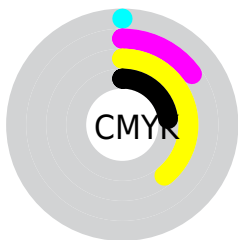
Blue (47%)



Red (66%)

Yellow (77%)

Blue (47%)

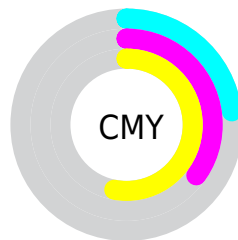


Cyan (0%)

Magenta (15%)

Yellow (39%)

Black (23%)



Cyan (23%)

Magenta (35%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 28.722, 81.208 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 70, 28.722, 81.208 by changing the saturation by 10% instead.

■ 70, 28.722, 81.208

■ 70, 28.722, 81.208

■ 100, 28.722,
81.208

■ 60, 28.722, 81.208

■ 90, 28.722, 81.208

■ 50, 28.722, 81.208

■ 40, 28.722, 81.208

■ 30, 28.722, 81.208

■ 20, 28.722, 81.208

■ 10, 28.722, 81.208

■ 0, 28.722, 81.208

■ 70, 28.722, 81.208

■ 70, 28.722, 81.208

■ 68, 36.486, 79.805

■ 72, 21.094, 82.581

66, 44.263, 78.343

75, 13.652, 83.908

63, 51.811, 76.789

77, 6.415, 85.181

61, 58.683, 75.057

80, 0.620, 266.926

59, 64.160, 72.983

82, 7.463, 267.721

58, 67.736, 70.428

85, 14.128,
268.860

57, 68.044, 70.210

87, 19.427,
268.290

89, 17.063,
254.479

91, 15.918,
237.728

Harmonies

Complementary

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



70, 28.722, 81.208



61, 27.649, 273.023

Rectangle

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



70, 28.722, 81.208



70, 28.722, 131.208



70, 28.722, 261.208



70, 28.722, 311.208

Sweetspot

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



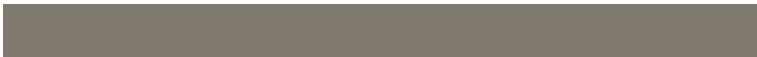
70, 28.722, 81.213



96, 10.467, 84.799



59, 34.376, 353.738



51, 6.957, 84.631



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 28.722, 81.213



86, 43.026, 80.004



77, 40.375, 110.950



41, 4.026, 85.148



48, 59.190, 70.701



8, 13.405, 71.720

Inverse Universe

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



61, 27.649, 273.023



73, 41.138, 275.122



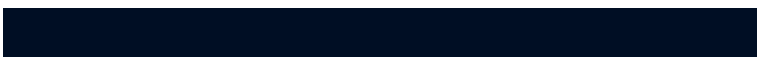
54, 44.522, 298.351



40, 3.999, 267.653



30, 63.125, 292.755



4, 15.797, 278.080

Previews

White Background



This preview shows how the CIELCh color 70, 28.722, 81.208 looks on a white background.

Color Contrast Check

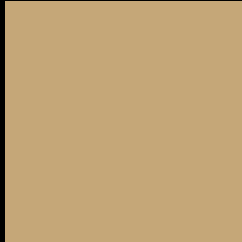
Large Text (above 18pt) WCAG AA × Fail

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 70, 28.722, 81.208 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 70, 28.722, 81.208

Background



This preview shows how black text looks on a background with the CIELCh color 70, 28.722, 81.208.



This preview shows how white text looks on a background with the CIELCh color 70, 28.722, 81.208.

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

70, 28.722, 81.208

Protanopia

70, 27.199, 94.996

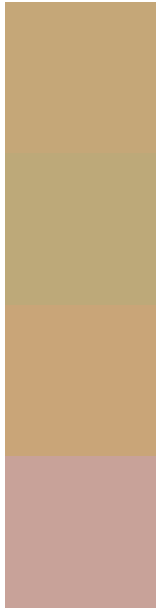
Deuteranopia

70, 29.746, 72.688



Tritanopia
70, 17.416, 359.076

Trichromacy



Original Color
70, 28.722, 81.208

Protanomaly
70, 27.445, 89.600

Deuteranomaly
70, 29.164, 75.923

Tritanomaly
70, 16.083, 38.286

Monochromacy



Original Color
70, 28.722, 81.208

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 10.245, 84.080

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 28.722, 81.208 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(197, 167, 120)` looks like.

```
.text, #text, p{  
    color:rgb(197, 167, 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(197, 167, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 167, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 28.722, 81.208 is called "border". The border property can be set on classes, ids or directly on the HTML element.

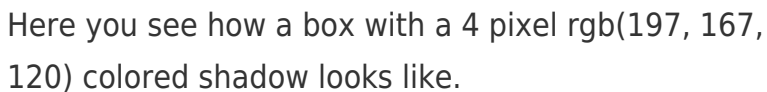
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 167, 120) }
```

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

```
.border{ border-color:rgb(197, 167, 120) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 167, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 167, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 167, 120);  
box-shadow:4px 4px 4px 4px rgb(197, 167,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 28.722, 81.208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 167, 120) }
```

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

```
.background{ background-color: rgb(197,  
167, 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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