

Converting Colors

CIELCh(72, 25.250, 77.717)

Have a look what the booklet for
CIELCh(72, 25.250, 77.717) contains.

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Color

CIELCh(72, 25.168, 78.208)

Conversions

Conversions Part 1

Format	Color
Hex	CAAC84
RGB	202, 172, 132
RGB Percent	79%, 67%, 52%
CMY	0.2084, 0.3260, 0.4828
CMYK	0.00, 0.15, 0.35, 0.21
HSL	34°, 40%, 65%
HSV	34°, 35%, 79%
XYZ	43.2076, 43.6590, 27.9368
YIQ	176.4100, 30.7200, -6.0800

Conversions

Conversions Part 2

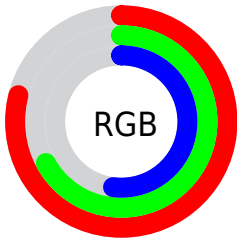
Format	Color
RYB	185, 202, 132
Decimal	13282436
CIELab	72.00, 5.14, 24.64
CIELCh	72, 25.168, 78.208
Yxy	43.6590, 0.3764, 0.3803
Android (android.graphics.Color)	4291472516 (0xFFCAAC84)
YUV	176.4100, -21.8941, 22.4424
Hunter-Lab	66.0750, 1.0932, 21.1844

Details

The CIELCh color **72, 25.168, 78.208** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **66, 23.825, 268.483**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 24.304, 81.797**, and **52, 25.322, 78.275** is the 20% darker color. If you saturate the color by 10%, you get **69, 32.960, 76.840**, and if you desaturate by 10%, it is **75, 17.602, 79.554**.

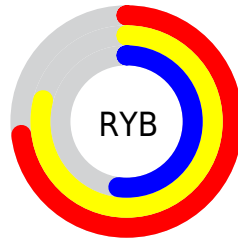
Distribution



Red (79%)

Green (67%)

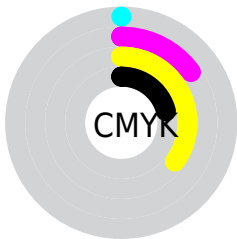
Blue (52%)



Red (73%)

Yellow (79%)

Blue (52%)

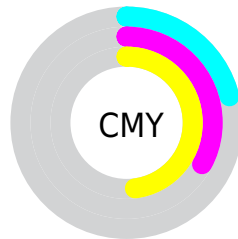


Cyan (0%)

Magenta (15%)

Yellow (35%)

Black (21%)



Cyan (21%)

Magenta (33%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 25.168, 78.208 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 72, 25.168, 78.208 by changing the saturation by 10% instead.

■ 72, 25.168, 78.208

■ 72, 25.168, 78.208

■ 100, 25.168,
78.208

■ 62, 25.168, 78.208

■ 92, 25.168, 78.208

■ 52, 25.168, 78.208

■ 42, 25.168, 78.208

■ 32, 25.168, 78.208

■ 22, 25.168, 78.208

■ 12, 25.168, 78.208

■ 2, 25.168, 78.208

■ 0, 25.168, 78.208

■ 72, 25.168, 78.208

■ 72, 25.168, 78.208

69, 32.960, 76.840

75, 17.602, 79.554

67, 40.905, 75.426

77, 10.283, 80.855

65, 48.837, 73.943

80, 3.213, 82.066

62, 56.424, 72.323

83, 3.624, 263.487

60, 63.063, 70.423

86, 10.247,
264.624

58, 67.877, 67.989

88, 16.674,
265.757

57, 69.872, 66.555

91, 15.192,
249.670

93, 14.584,
228.372

95, 15.933,
208.304

Harmonies

Complementary

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



72, 25.168, 78.208



66, 23.825, 268.483

Rectangle

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



72, 25.168, 78.208



72, 25.168, 128.208



72, 25.168, 258.208



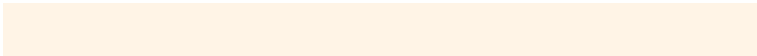
72, 25.168, 308.208

Sweetspot

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



72, 25.168, 78.214



97, 8.405, 81.425



63, 31.591, 350.987



51, 5.749, 81.248



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, 25.168, 78.214



87, 37.339, 77.131



79, 36.625, 109.821



42, 3.973, 81.515



47, 60.267, 67.099



9, 14.541, 67.096

Inverse Universe

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



66, 23.825, 268.483



77, 34.891, 270.304



58, 39.898, 296.690



41, 3.927, 264.045



32, 59.581, 289.962



5, 16.493, 276.728

Previews

White Background



This preview shows how the CIELCh color 72, 25.168, 78.208 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 72, 25.168, 78.208 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 72, 25.168, 78.208

Background



This preview shows how black text looks on a background with the CIELCh color 72, 25.168, 78.208.



This preview shows how white text looks on a background with the CIELCh color 72, 25.168, 78.208.

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

72, 25.168, 78.208

Protanopia

72, 23.314, 94.653

Deuteranopia

72, 26.138, 69.514



Tritanopia
72, 16.944, 358.469

Trichromacy



Original Color
72, 25.168, 78.208

Protanomaly
72, 24.065, 88.847

Deuteranomaly
72, 25.743, 72.334

Tritanomaly
72, 15.182, 34.964

Monochromacy



Original Color
72, 25.168, 78.208

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 9.017, 83.686

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 25.168, 78.208 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(202, 172, 132)` looks like.

```
.text, #text, p{  
    color:rgb(202, 172, 132)  
}
```

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(202, 172, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 172, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 25.168, 78.208 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(202, 172, 132) }
```

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

```
.border{ border-color:rgb(202, 172, 132) }
```

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

Here you see how a box with a 4 pixel rgb(202, 172, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 172, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 172, 132);  
box-shadow:4px 4px 4px 4px rgb(202, 172,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 25.168, 78.208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 172, 132) }
```

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

```
.background{ background-color: rgb(202,  
172, 132) }
```

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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