

Converting Colors

CIELCh(68, 24.240, 72.706)

Have a look what the booklet for
CIELCh(68, 24.240, 72.706) contains.

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Color

CIELCh(68, 24.376, 73.207)

Conversions

Conversions Part 1

Format	Color
Hex	C1A07C
RGB	193, 160, 124
RGB Percent	76%, 63%, 49%
CMY	0.2428, 0.3722, 0.5134
CMYK	0.00, 0.17, 0.36, 0.24
HSL	31°, 36%, 62%
HSV	31°, 36%, 76%
XYZ	38.2385, 37.9720, 24.4064
YIQ	165.7630, 31.2240, -4.2000

Conversions

Conversions Part 2

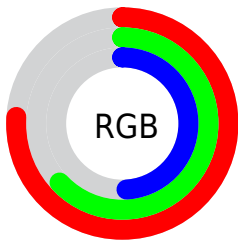
Format	Color
R _Y B	187, 193, 124
Decimal	12689532
CIE Lab	68.00, 7.04, 23.34
CIE LCh	68, 24.376, 73.207
Yxy	37.9720, 0.3800, 0.3774
Android (android.graphics.Color)	4290879612 (0xFFC1A07C)
YUV	165.7630, -20.5892, 23.8868
Hunter-Lab	61.6215, 2.9287, 19.6520

Details

The CIELCh color $68, 24.376, 73.207$ is a light color, and the websafe version is hex `CC9966`. A complement of this color would be $64, 22.359, 263.664$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 24.228, 73.872$, and $48, 24.299, 73.836$ is the 20% darker color. If you saturate the color by 10%, you get $65, 31.857, 71.907$, and if you desaturate by 10%, it is $71, 17.180, 74.499$.

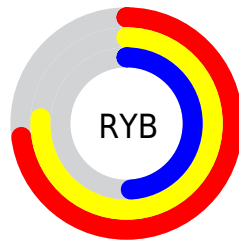
Distribution



Red (76%)

Green (63%)

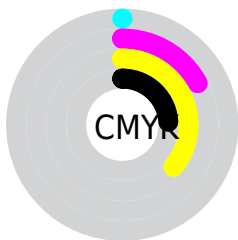
Blue (49%)



Red (73%)

Yellow (76%)

Blue (49%)

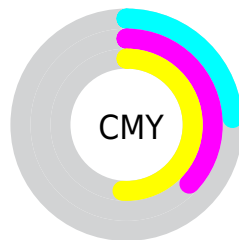


Cyan (0%)

Magenta (17%)

Yellow (36%)

Black (24%)



Cyan (24%)

Magenta (37%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 24.376, 73.207 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 68, 24.376, 73.207 by changing the saturation by 10% instead.

■ 68, 24.376, 73.207

■ 68, 24.376, 73.207

■ 100, 24.376,
73.207

■ 58, 24.376, 73.207

■ 88, 24.376, 73.207

■ 48, 24.376, 73.207

■ 98, 24.376, 73.207

■ 38, 24.376, 73.207

■ 28, 24.376, 73.207

■ 18, 24.376, 73.207

■ 8, 24.376, 73.207

■ 0, 24.376, 73.207

■ 68, 24.376, 73.207

■ 68, 24.376, 73.207

■ 65, 31.857, 71.907

■ 71, 17.180, 74.499

63, 39.566, 70.572

74, 10.280, 75.759

60, 47.357, 69.179

76, 3.667, 76.947

58, 54.919, 67.647

79, 2.680, 258.385

56, 61.664, 65.807

82, 8.786, 259.476

53, 66.710, 63.366

85, 14.675,
260.600

53, 68.603, 62.292

88, 18.552,
257.877

90, 16.910,
239.233

93, 17.225,
219.336

Harmonies

Complementary

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



68, 24.376, 73.207



64, 22.359, 263.664

Rectangle

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



68, 24.376, 73.207



68, 24.376, 123.207



68, 24.376, 253.207



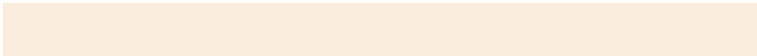
68, 24.376, 303.207

Sweetspot

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



68, 24.376, 73.213



94, 8.771, 76.318



60, 32.275, 348.058



50, 5.910, 76.153



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



68, 24.376, 73.213



83, 36.773, 72.179



77, 36.329, 107.505



39, 3.663, 76.534



44, 59.726, 62.844



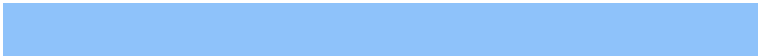
7, 11.532, 60.748

Inverse Universe

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



64, 22.359, 263.664



77, 33.028, 265.531



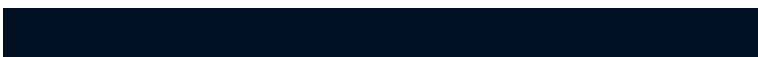
55, 39.721, 295.280



39, 3.596, 259.024



34, 52.811, 285.632



4, 13.122, 271.158

Previews

White Background



This preview shows how the CIELCh color 68, 24.376, 73.207 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 68, 24.376, 73.207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

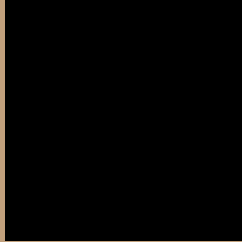
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 24.376, 73.207

Background



This preview shows how black text looks on a background with the CIELCh color 68, 24.376, 73.207.



This preview shows how white text looks on a background with the CIELCh color 68, 24.376, 73.207.

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

68, 24.376, 73.207

Protanopia

68, 21.784, 95.866

Deuteranopia

68, 25.035, 69.431



Tritanopia
68, 18.267, 0.174

Trichromacy



Original Color
68, 24.376, 73.207

Protanomaly
68, 22.304, 87.150

Deuteranomaly
68, 24.756, 70.182

Tritanomaly
68, 16.335, 30.407

Monochromacy



Original Color
68, 24.376, 73.207

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 8.563, 75.775

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 24.376, 73.207 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(193, 160, 124)` looks like.

```
.text, #text, p{  
    color:rgb(193, 160, 124)  
}
```

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(193, 160, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 160, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 24.376, 73.207 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(193, 160, 124) }
```

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

```
.border{ border-color:rgb(193, 160, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 160, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 160, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 160, 124);  
box-shadow:4px 4px 4px 4px rgb(193, 160,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 24.376, 73.207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 160, 124) }
```

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

```
.background{ background-color: rgb(193,  
160, 124) }
```

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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