

Converting Colors

CIELCh(75, 24.379, 90.506)

Have a look what the booklet for
CIELCh(75, 24.379, 90.506) contains.

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Color

CIELCh(75, 24.235, 90.251)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | C9B78C |
| RGB | 201, 183, 140 |
| RGB Percent | 79%, 72%, 55% |
| CMY | 0.2111, 0.2817, 0.4503 |
| CMYK | 0.00, 0.09, 0.30, 0.21 |
| HSL | 42°, 36%, 67% |
| HSV | 42°, 30%, 79% |
| XYZ | 45.8496, 48.2781, 31.7766 |
| YIQ | 183.4800, 24.5310, -9.5570 |

Conversions

Conversions Part 2

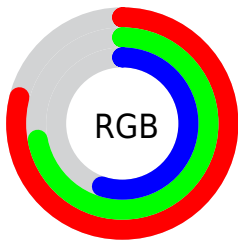
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 166, 201, 140 |
| Decimal | 13219724 |
| CIELab | 75.00, -0.11, 24.23 |
| CIELCh | 75, 24.235, 90.251 |
| Yxy | 48.2781, 0.3642, 0.3835 |
| Android (android.graphics.Color) | 4291409804 (0xFFC9B78C) |
| YUV | 183.4800, -21.4356, 15.3650 |
| Hunter-Lab | 69.4824, -3.8068, 21.5224 |

Details

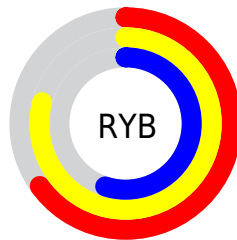
The CIELCh color **75, 24.235, 90.251** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **65, 24.410, 278.642**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 23.796, 93.445**, and **55, 23.894, 90.026** is the 20% darker color. If you saturate the color by 10%, you get **73, 32.414, 88.927**, and if you desaturate by 10%, it is **77, 16.122, 91.548**.

Distribution



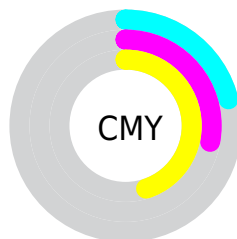
- Red (79%)
- Green (72%)
- Blue (55%)



- Red (65%)
- Yellow (79%)
- Blue (55%)



- Cyan (0%)
- Magenta (9%)
- Yellow (30%)
- Black (21%)



- Cyan (21%)
- Magenta (28%)
- Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 24.235, 90.251 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 75, 24.235, 90.251 by changing the saturation by 10% instead.

 75, 24.235, 90.251

 75, 24.235, 90.251

 100, 24.235,
90.251

 65, 24.235, 90.251

 95, 24.235, 90.251

 55, 24.235, 90.251

 45, 24.235, 90.251

 35, 24.235, 90.251

 25, 24.235, 90.251

 15, 24.235, 90.251

 5, 24.235, 90.251

 0, 24.235, 90.251

 75, 24.235, 90.251

 75, 24.235, 90.251

73, 32.414, 88.927

77, 16.122, 91.548

71, 40.561, 87.558

79, 8.119, 92.790

70, 48.500, 86.144

81, 0.246, 93.150

68, 55.909, 84.656

83, 7.492, 275.220

66, 62.260, 83.038

85, 15.097,
276.320

65, 66.824, 81.177

87, 19.648,
274.675

63, 69.328, 79.087

89, 17.359,
265.038

90, 15.683,
253.040

92, 14.813,
239.056

Harmonies

Complementary

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



75, 24.235, 90.251



65, 24.410, 278.642

Rectangle

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



75, 24.235, 90.251



75, 24.235, 140.251



75, 24.235, 270.251



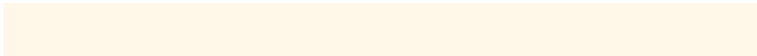
75, 24.235, 320.251

Sweetspot

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



75, 24.236, 90.257



98, 8.567, 92.934



65, 25.856, 359.308



52, 5.962, 92.756



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 24.236, 90.257



91, 35.008, 89.440



79, 32.425, 115.924



41, 4.413, 92.904



52, 59.402, 79.502



10, 14.466, 83.049

Inverse Universe

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



65, 24.410, 278.642



77, 35.357, 279.864



61, 34.695, 300.508



39, 4.429, 275.287



26, 73.548, 298.277



3, 17.207, 282.580

Previews

White Background



This preview shows how the CIELCh color 75, 24.235, 90.251 looks on a white background.

Color Contrast Check

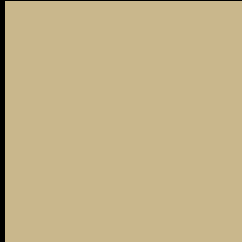
Large Text (above 18pt) WCAG AA × Fail

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 75, 24.235, 90.251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

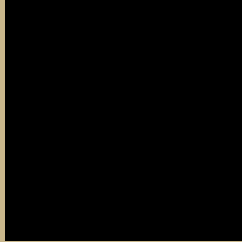
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 24.235, 90.251

Background



This preview shows how black text looks on a background with the CIELCh color 75, 24.235, 90.251.



This preview shows how white text looks on a background with the CIELCh color 75, 24.235, 90.251.

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

75, 24.235, 90.251

Protanopia

75, 23.644, 95.012

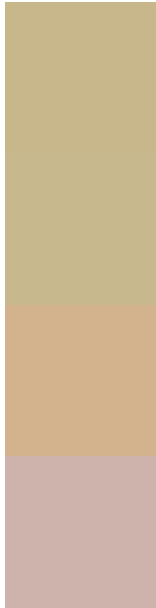
Deuteranopia

75, 25.716, 68.311



Tritanopia
75, 13.848, 347.657

Trichromacy



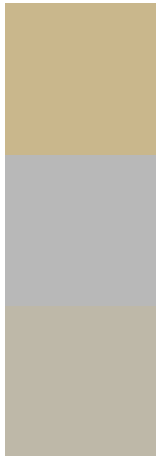
Original Color
75, 24.235, 90.251

Protanomaly
75, 23.849, 93.090

Deuteranomaly
75, 24.475, 75.626

Tritanomaly
75, 10.774, 40.495

Monochromacy



Original Color
75, 24.235, 90.251

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 8.899, 94.272

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 24.235, 90.251 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(201, 183, 140)` looks like.

```
.text, #text, p{  
    color:rgb(201, 183, 140)  
}
```

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(201, 183, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 183, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 24.235, 90.251 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(201, 183, 140) }
```

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

```
.border{ border-color:rgb(201, 183, 140) }
```

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

Here you see how a box with a 4 pixel rgb(201, 183, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 183, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 183, 140);  
box-shadow:4px 4px 4px 4px rgb(201, 183,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 24.235, 90.251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 183, 140) }
```

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

```
.background{ background-color: rgb(201,  
183, 140) }
```

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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