

Converting Colors

CIELCh(75, 18.432, 78.208)

Have a look what the booklet for
CIELCh(75, 18.432, 78.208) contains.

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Color

CIELCh(75, 18.194, 78.108)

Conversions

Conversions Part 1

Format	Color
Hex	CCB598
RGB	204, 181, 152
RGB Percent	80%, 71%, 60%
CMY	0.1991, 0.2893, 0.4031
CMYK	0.00, 0.11, 0.25, 0.20
HSL	33°, 34%, 70%
HSV	33°, 25%, 80%
XYZ	47.2153, 48.2781, 36.6257
YIQ	184.5710, 23.0170, -4.1430

Conversions

Conversions Part 2

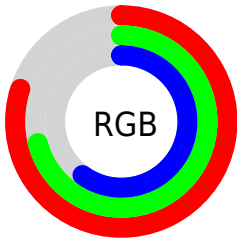
Format	Color
R _Y B	193, 204, 152
Decimal	13415832
CIE Lab	75.00, 3.75, 17.80
CIE LCh	75, 18.194, 78.108
Yxy	48.2781, 0.3574, 0.3654
Android (android.graphics.Color)	4291605912 (0xFFCCB598)
YUV	184.5710, -16.0575, 17.0392
Hunter-Lab	69.4824, -0.2984, 17.3846

Details

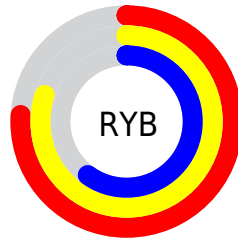
The CIELCh color **75, 18.194, 78.108** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **71, 17.400, 265.303**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 17.270, 85.811**, and **55, 18.054, 77.780** is the 20% darker color. If you saturate the color by 10%, you get **72, 25.811, 76.783**, and if you desaturate by 10%, it is **78, 10.845, 79.414**.

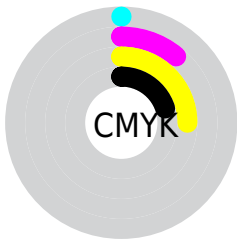
Distribution



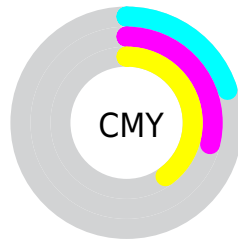
- Red (80%)
- Green (71%)
- Blue (60%)



- Red (76%)
- Yellow (80%)
- Blue (60%)



- Cyan (0%)
- Magenta (11%)
- Yellow (25%)
- Black (20%)



- Cyan (20%)
- Magenta (29%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 18.194, 78.108 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, 18.194, 78.108 by changing the saturation by 10% instead.

 75, 18.194, 78.108

 75, 18.194, 78.108

 100, 18.194,
78.108

 65, 18.194, 78.108

 95, 18.194, 78.108

 55, 18.194, 78.108

 45, 18.194, 78.108

 35, 18.194, 78.108

 25, 18.194, 78.108

 15, 18.194, 78.108

 5, 18.194, 78.108

 0, 18.194, 78.108

 75, 18.194, 78.108

 75, 18.194, 78.108

72, 25.811, 76.783

78, 10.845, 79.414

70, 33.673, 75.418

81, 3.760, 80.634

67, 41.706, 74.015

83, 3.076, 262.066

65, 49.740, 72.542

86, 9.685, 263.190

62, 57.427, 70.923

89, 16.087,
264.326

60, 64.135, 69.001

92, 14.230,
244.612

58, 68.955, 66.502

57, 70.744, 65.286

94, 14.212,
221.259

96, 16.293,
201.189

97, 16.803,
198.390

Harmonies

Complementary

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



75, 18.194, 78.108



71, 17.400, 265.303

Rectangle

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



75, 18.194, 78.108



75, 18.194, 128.108



75, 18.194, 258.108



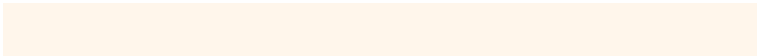
75, 18.194, 308.108

Sweetspot

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



75, 18.195, 78.116



97, 6.623, 80.330



68, 23.523, 348.856



51, 4.721, 80.145



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, 18.195, 78.116



90, 26.814, 77.329



81, 27.324, 109.887



42, 3.928, 80.174



47, 60.470, 65.869



9, 14.473, 65.332

Inverse Universe

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



71, 17.400, 265.303



83, 25.346, 266.461



65, 29.014, 294.882



41, 3.875, 262.703



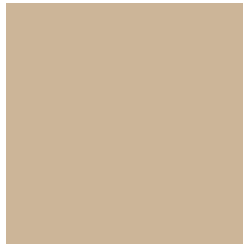
33, 58.063, 288.865



5, 16.235, 275.782

Previews

White Background



This preview shows how the CIELCh color 75, 18.194, 78.108 looks on a white background.

Color Contrast Check

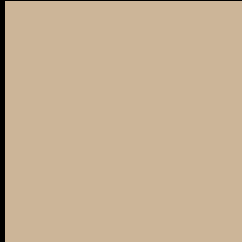
Large Text (above 18pt) WCAG AA × Fail

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, 18.194, 78.108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

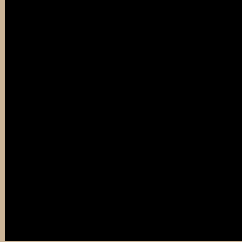
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 18.194, 78.108

Background



This preview shows how black text looks on a background with the CIELCh color 75, 18.194, 78.108.



This preview shows how white text looks on a background with the CIELCh color 75, 18.194, 78.108.

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, 18.194, 78.108

Protanopia

75, 16.691, 93.428

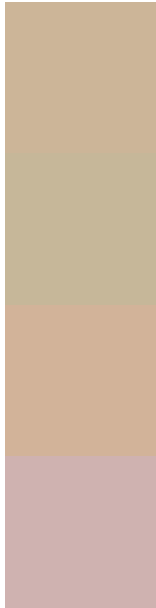
Deuteranopia

75, 19.970, 62.114



Tritanopia
75, 14.487, 349.375

Trichromacy



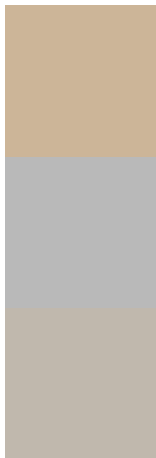
Original Color
75, 18.194, 78.108

Protanomaly
75, 17.210, 88.242

Deuteranomaly
75, 18.878, 67.367

Tritanomaly
75, 11.222, 25.758

Monochromacy



Original Color
75, 18.194, 78.108

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 6.644, 82.170

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 18.194, 78.108 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(204, 181, 152)` looks like.

```
.text, #text, p{  
    color:rgb(204, 181, 152)  
}
```

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(204, 181, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 181, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 18.194, 78.108 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(204, 181, 152) }
```

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

```
.border{ border-color:rgb(204, 181, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 181, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 181, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 181, 152);  
box-shadow:4px 4px 4px 4px rgb(204, 181,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 18.194, 78.108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 181, 152) }
```

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

```
.background{ background-color: rgb(204,  
181, 152) }
```

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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