

Converting Colors

CIELCh(78, 32.003, 76.174)

Have a look what the booklet for
CIELCh(78, 32.003, 76.174) contains.

CIELCh(78, 31.689, 75.948)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(78, 31.689, 75.948)

Conversions

Conversions Part 1

Format	Color
Hex	E2BA88
RGB	226, 186, 136
RGB Percent	89%, 73%, 53%
CMY	0.1127, 0.2696, 0.4658
CMYK	0.00, 0.18, 0.40, 0.11
HSL	33°, 61%, 71%
HSV	33°, 40%, 89%
XYZ	53.5128, 53.2120, 30.8279
YIQ	192.2600, 39.8900, -7.0700

Conversions

Conversions Part 2

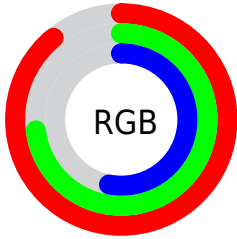
Format	Color
R _Y B	208, 226, 136
Decimal	14858888
CIE Lab	78.00, 7.69, 30.74
CIE LCh	78, 31.689, 75.948
Yxy	53.2120, 0.3890, 0.3868
Android (android.graphics.Color)	4293048968 (0xFFE2BA88)
YUV	192.2600, -27.7362, 29.5900
Hunter-Lab	72.9466, 3.2892, 26.0061

Details

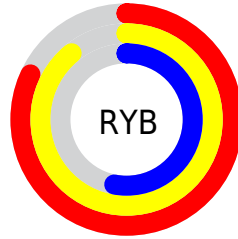
The CIELCh color **78, 31.689, 75.948** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **71, 29.414, 268.151**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 26.946, 97.409**, and **58, 31.455, 75.811** is the 20% darker color. If you saturate the color by 10%, you get **75, 40.332, 74.567**, and if you desaturate by 10%, it is **81, 23.290, 77.307**.

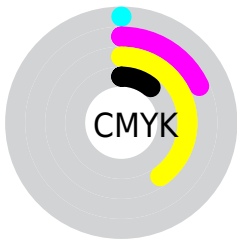
Distribution



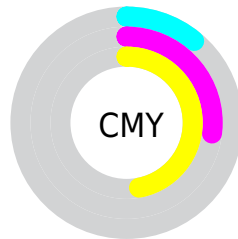
- Red (89%)
- Green (73%)
- Blue (53%)



- Red (82%)
- Yellow (89%)
- Blue (53%)



- Cyan (0%)
- Magenta (18%)
- Yellow (40%)
- Black (11%)



- Cyan (11%)
- Magenta (27%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 31.689, 75.948 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 78, 31.689, 75.948 by changing the saturation by 10% instead.

78, 31.689, 75.948

78, 31.689, 75.948

100, 31.689,
75.948

68, 31.689, 75.948

98, 31.689, 75.948

58, 31.689, 75.948

48, 31.689, 75.948

38, 31.689, 75.948

28, 31.689, 75.948

18, 31.689, 75.948

8, 31.689, 75.948

0, 31.689, 75.948

78, 31.689, 75.948

78, 31.689, 75.948

75, 40.332, 74.567

81, 23.290, 77.307

72, 49.098, 73.131

84, 15.181, 78.629

70, 57.725, 71.597

87, 7.367, 79.903

67, 65.696, 69.852

90, 0.165, 263.372

65, 72.144, 67.678

93, 7.435, 262.484

63, 76.424, 64.899

96, 8.053, 231.611

63, 76.512, 64.842

98, 9.760, 198.857

Harmonies

Complementary

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



78, 31.689, 75.948



71, 29.414, 268.151

Rectangle

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



78, 31.689, 75.948



78, 31.689, 125.948



78, 31.689, 255.948



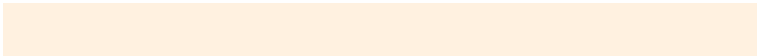
78, 31.689, 305.948

Sweetspot

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



78, 31.689, 75.954



96, 9.995, 79.618



67, 40.124, 350.669



51, 6.646, 79.452



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 31.689, 75.954



84, 42.744, 74.774



88, 45.830, 108.618



46, 4.242, 79.946



49, 63.270, 65.498



12, 19.788, 66.518

Inverse Universe

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



71, 29.414, 268.151



75, 39.042, 270.333



61, 50.790, 297.004



45, 4.183, 262.502



35, 60.724, 288.894



7, 20.749, 279.769

Previews

White Background



This preview shows how the CIELCh color 78, 31.689, 75.948 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 78, 31.689, 75.948 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 78, 31.689, 75.948

Background



This preview shows how black text looks on a background with the CIELCh color 78, 31.689, 75.948.



This preview shows how white text looks on a background with the CIELCh color 78, 31.689, 75.948.

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

78, 31.689, 75.948

Protanopia

78, 29.273, 95.392

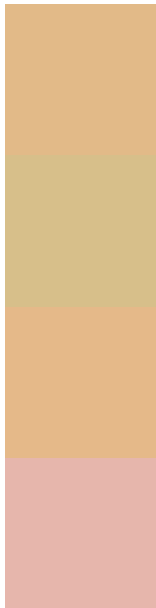
Deuteranopia

78, 32.063, 71.979



Tritanopia
78, 21.324, 0.897

Trichromacy



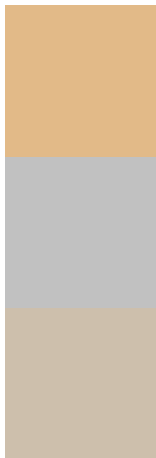
Original Color
78, 31.689, 75.948

Protanomaly
78, 29.894, 88.215

Deuteranomaly
78, 31.803, 72.576

Tritanomaly
78, 19.729, 36.381

Monochromacy



Original Color
78, 31.689, 75.948

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 11.494, 81.076

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 31.689, 75.948 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(226, 186, 136)` looks like.

```
.text, #text, p{  
    color:rgb(226, 186, 136)  
}
```

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(226, 186, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 186, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 31.689, 75.948 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(226, 186, 136) }
```

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

```
.border{ border-color:rgb(226, 186, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 186, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 186, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 186, 136);  
box-shadow:4px 4px 4px 4px rgb(226, 186,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 31.689, 75.948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 186, 136) }
```

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

```
.background{ background-color: rgb(226,  
186, 136) }
```

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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