

Converting Colors

CIELCh(79, 22.698, 49.744)

Have a look what the booklet for
CIELCh(79, 22.698, 49.744) contains.

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Color

CIELCh(79, 22.781, 49.769)

Conversions

Conversions Part 1

Format	Color
Hex	EAB9A4
RGB	234, 185, 164
RGB Percent	92%, 73%, 64%
CMY	0.0820, 0.2741, 0.3565
CMYK	0.00, 0.21, 0.30, 0.08
HSL	18°, 63%, 78%
HSV	18°, 30%, 92%
XYZ	58.0402, 54.9284, 42.7073
YIQ	197.2570, 35.9450, 3.8570

Conversions

Conversions Part 2

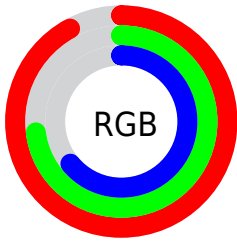
Format	Color
RYB	234, 194, 164
Decimal	15382948
CIELab	79.00, 14.71, 17.39
CIELCh	79, 22.781, 49.769
Yxy	54.9284, 0.3728, 0.3528
Android (android.graphics.Color)	4293573028 (0xFFEAB9A4)
YUV	197.2570, -16.3957, 32.2236
Hunter-Lab	74.1137, 10.0887, 17.7143

Details

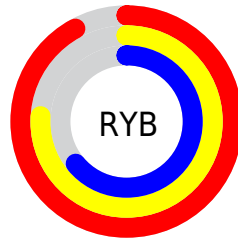
The CIELCh color **79, 22.781, 49.769** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83, 18.998, 234.556**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 12.361, 84.582**, and **59, 22.785, 50.318** is the 20% darker color. If you saturate the color by 10%, you get **75, 31.617, 49.361**, and if you desaturate by 10%, it is **84, 14.582, 50.284**.

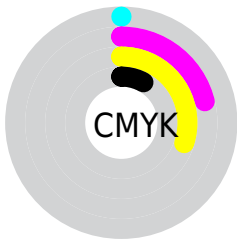
Distribution



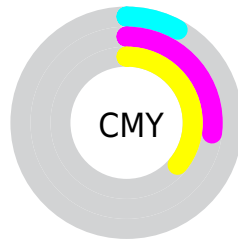
- Red (92%)
- Green (73%)
- Blue (64%)



- Red (92%)
- Yellow (76%)
- Blue (64%)



- Cyan (0%)
- Magenta (21%)
- Yellow (30%)
- Black (8%)



- Cyan (8%)
- Magenta (27%)
- Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 22.781, 49.769 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 79, 22.781, 49.769 by changing the saturation by 10% instead.

 79, 22.781, 49.769

 79, 22.781, 49.769

 100, 22.781,
49.769

 69, 22.781, 49.769

 99, 22.781, 49.769

 59, 22.781, 49.769

 49, 22.781, 49.769

 39, 22.781, 49.769

 29, 22.781, 49.769

 19, 22.781, 49.769

 9, 22.781, 49.769

 0, 22.781, 49.769

 79, 22.781, 49.769

 79, 22.781, 49.769

75, 31.617, 49.361

84, 14.582, 50.284

70, 41.104, 49.062

88, 6.984, 50.840

66, 51.191, 48.884

93, 0.070, 239.718

63, 61.703, 48.794

97, 6.042, 220.860

59, 72.208, 48.665

99, 7.154, 199.045

56, 81.739, 48.162

54, 89.051, 46.941

54, 89.119, 46.933

Harmonies

Complementary

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



79, 22.781, 49.769



83, 18.998, 234.556

Rectangle

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



79, 22.781, 49.769



79, 22.781, 99.769



79, 22.781, 229.769



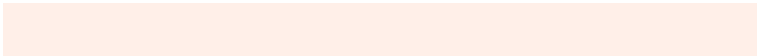
79, 22.781, 279.769

Sweetspot

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



79, 22.780, 49.777



95, 6.779, 50.887



75, 36.287, 336.462



50, 4.737, 50.807



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 22.780, 49.777



82, 30.126, 49.504



88, 29.515, 96.888



47, 4.006, 50.864



42, 73.068, 47.479



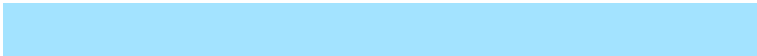
10, 23.559, 41.448

Inverse Universe

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



83, 18.998, 234.556



87, 24.034, 235.491



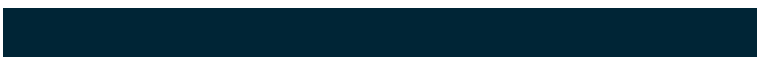
73, 30.568, 284.660



47, 3.807, 232.371



50, 37.843, 256.048



13, 15.251, 247.449

Previews

White Background



This preview shows how the CIELCh color 79, 22.781, 49.769 looks on a white background.

Color Contrast Check

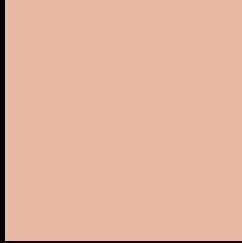
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 79, 22.781, 49.769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

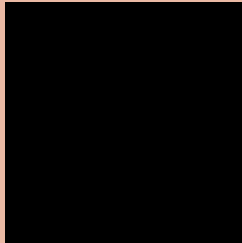
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 22.781, 49.769

Background



This preview shows how black text looks on a background with the CIELCh color 79, 22.781, 49.769.

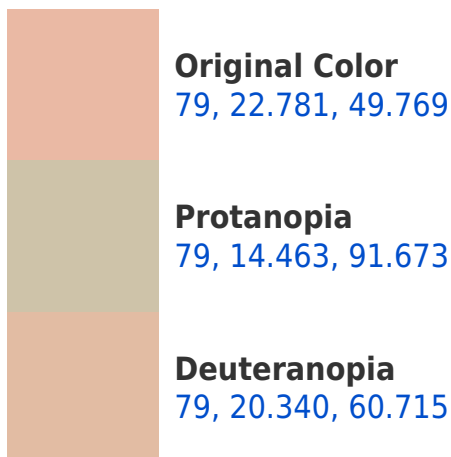


This preview shows how white text looks on a background with the CIELCh color 79, 22.781, 49.769.

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](#).

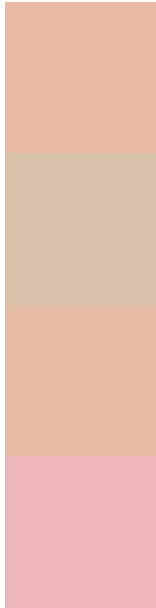
Dichromacy





Tritanopia
79, 22.364, 2.029

Trichromacy



Original Color
79, 22.781, 49.769

Protanomaly
79, 16.191, 71.520

Deuteranomaly
79, 21.286, 56.910

Tritanomaly
79, 20.862, 18.247

Monochromacy



Original Color
79, 22.781, 49.769

Achromatopsia
80, 0.010, 296.813

Achromatomaly
79, 7.722, 53.109

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 22.781, 49.769 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(234, 185, 164)` looks like.

```
.text, #text, p{  
    color:rgb(234, 185, 164)  
}
```

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(234, 185, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 185, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 22.781, 49.769 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(234, 185, 164) }
```

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

```
.border{ border-color:rgb(234, 185, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 185, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 185, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 185, 164);  
box-shadow:4px 4px 4px 4px rgb(234, 185,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 22.781, 49.769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 185, 164) }
```

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

```
.background{ background-color: rgb(234,  
185, 164) }
```

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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