

Converting Colors

CIELCh(78, 24.236, 32.767)

Have a look what the booklet for
CIELCh(78, 24.236, 32.767) contains.

CIELCh(78, 23.991, 32.663)	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, 23.991, 32.663)

Conversions

Conversions Part 1

Format	Color
Hex	EEB3AA
RGB	238, 179, 170
RGB Percent	93%, 70%, 67%
CMY	0.0674, 0.2987, 0.3340
CMYK	0.00, 0.25, 0.29, 0.07
HSL	8°, 66%, 80%
HSV	8°, 29%, 93%
XYZ	58.5231, 53.2120, 45.1323
YIQ	195.6150, 38.0530, 9.7090

Conversions

Conversions Part 2

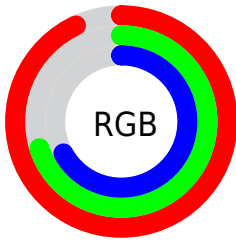
Format	Color
R _Y B	238, 180, 170
Decimal	15643562
CIE Lab	78.00, 20.20, 12.95
CIE LCh	78, 23.991, 32.663
Yxy	53.2120, 0.3731, 0.3392
Android (android.graphics.Color)	4293833642 (0xFFEEB3AA)
YUV	195.6150, -12.6282, 37.1716
Hunter-Lab	72.9466, 15.5494, 14.3797

Details

The CIELCh color **78, 23.991, 32.663** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87, 19.569, 212.222**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 8.926, 54.703**, and **58, 24.049, 32.510** is the 20% darker color. If you saturate the color by 10%, you get **73, 33.750, 33.291**, and if you desaturate by 10%, it is **83, 14.955, 32.254**.

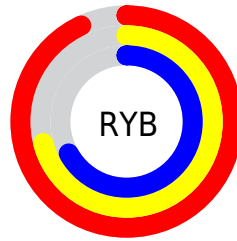
Distribution



Red (93%)

Green (70%)

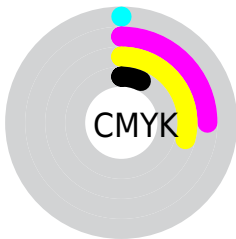
Blue (67%)



Red (93%)

Yellow (71%)

Blue (67%)

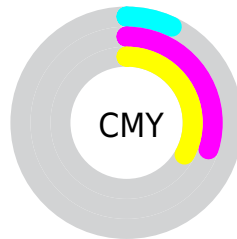


Cyan (0%)

Magenta (25%)

Yellow (29%)

Black (7%)



Cyan (7%)

Magenta (30%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 23.991, 32.663 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, 23.991, 32.663 by changing the saturation by 10% instead.

78, 23.991, 32.663

78, 23.991, 32.663

100, 23.991,
32.663

68, 23.991, 32.663

98, 23.991, 32.663

58, 23.991, 32.663

48, 23.991, 32.663

38, 23.991, 32.663

28, 23.991, 32.663

18, 23.991, 32.663

8, 23.991, 32.663

0, 23.991, 32.663

78, 23.991, 32.663

78, 23.991, 32.663

73, 33.750, 33.291

83, 14.955, 32.254

68, 44.213, 34.180

89, 6.625, 31.966

63, 55.276, 35.390

95, 1.047, 212.555

59, 66.720, 36.942

99, 5.902, 199.144

56, 78.098, 38.751

53, 88.442, 40.454

51, 95.964, 41.346

51, 96.876, 41.501

Harmonies

Complementary

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



78, 23.991, 32.663



87, 19.569, 212.222

Rectangle

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



78, 23.991, 32.663



78, 23.991, 82.663



78, 23.991, 212.663



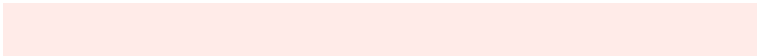
78, 23.991, 262.663

Sweetspot

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



78, 23.989, 32.669



95, 7.362, 31.979



78, 39.876, 329.480



50, 5.147, 32.018



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, 23.989, 32.669



80, 30.898, 32.984



86, 24.262, 83.160



47, 4.429, 31.991



39, 79.462, 41.781



9, 27.230, 31.167

Inverse Universe

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



87, 19.569, 212.222



92, 24.079, 212.397



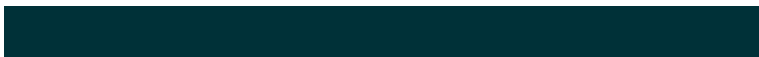
79, 23.649, 271.420



49, 4.164, 212.019



60, 34.226, 220.884



18, 15.079, 217.038

Previews

White Background



This preview shows how the CIELCh color 78, 23.991, 32.663 looks on a white background.

Color Contrast Check

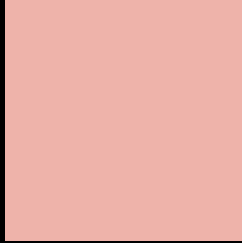
Large Text (above 18pt) WCAG AA × Fail

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 78, 23.991, 32.663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

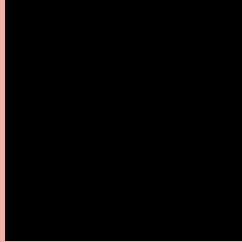
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 23.991, 32.663

Background



This preview shows how black text looks on a background with the CIELCh color 78, 23.991, 32.663.



This preview shows how white text looks on a background with the CIELCh color 78, 23.991, 32.663.

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, 23.991, 32.663

Protanopia

78, 8.925, 91.946

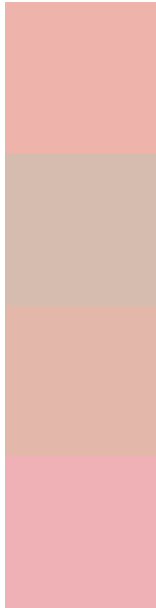
Deuteranopia

78, 16.925, 54.566



Tritanopia
78, 25.317, 5.914

Trichromacy



Original Color
78, 23.991, 32.663

Protanomaly
78, 12.602, 56.163

Deuteranomaly
78, 19.047, 43.536

Tritanomaly
78, 24.125, 15.218

Monochromacy



Original Color
78, 23.991, 32.663

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 8.489, 30.814

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 23.991, 32.663 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(238, 179, 170)` looks like.

```
.text, #text, p{  
    color:rgb(238, 179, 170)  
}
```

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(238, 179, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 179, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 23.991, 32.663 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(238, 179, 170) }
```

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

```
.border{ border-color:rgb(238, 179, 170) }
```

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

Here you see how a box with a 4 pixel rgb(238, 179, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 179, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 179, 170);  
box-shadow:4px 4px 4px 4px rgb(238, 179,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 23.991, 32.663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 179, 170) }
```

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

```
.background{ background-color: rgb(238,  
179, 170) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor