

Converting Colors

CIELCh(78, 23.873, 31.245)

Have a look what the booklet for
CIELCh(78, 23.873, 31.245) contains.

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Color

CIELCh(78, 23.833, 31.459)

Conversions

Conversions Part 1

Format	Color
Hex	EEB3AB
RGB	238, 179, 171
RGB Percent	93%, 70%, 67%
CMY	0.0676, 0.2989, 0.3303
CMYK	0.00, 0.25, 0.28, 0.07
HSL	7°, 66%, 80%
HSV	7°, 28%, 93%
XYZ	58.5779, 53.2120, 45.5967
YIQ	195.7290, 37.7320, 10.0200

Conversions

Conversions Part 2

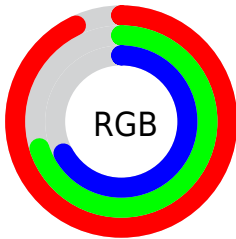
Format	Color
R _Y B	238, 180, 171
Decimal	15643563
CIE Lab	78.00, 20.33, 12.44
CIE LCh	78, 23.833, 31.459
Yxy	53.2120, 0.3722, 0.3381
Android (android.graphics.Color)	4293833643 (0xFFEEB3AB)
YUV	195.7290, -12.1914, 37.0717
Hunter-Lab	72.9466, 15.6836, 14.0022

Details

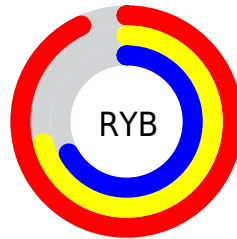
The CIELCh color **78, 23.833, 31.459** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88, 19.502, 210.665**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 8.631, 51.981**, and **58, 23.873, 31.245** is the 20% darker color. If you saturate the color by 10%, you get **73, 33.648, 32.156**, and if you desaturate by 10%, it is **84, 14.741, 30.988**.

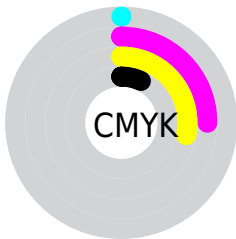
Distribution



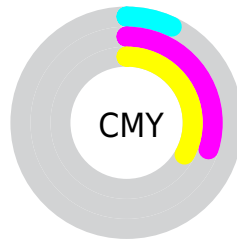
- Red (93%)
- Green (70%)
- Blue (67%)



- Red (93%)
- Yellow (71%)
- Blue (67%)



- Cyan (0%)
- Magenta (25%)
- Yellow (28%)
- Black (7%)



- Cyan (7%)
- Magenta (30%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 23.833, 31.459 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, 23.833, 31.459 by changing the saturation by 10% instead.

 78, 23.833, 31.459

 78, 23.833, 31.459

 100, 23.833,
31.459

 68, 23.833, 31.459

 98, 23.833, 31.459

 58, 23.833, 31.459

 48, 23.833, 31.459

 38, 23.833, 31.459

 28, 23.833, 31.459

 18, 23.833, 31.459

 8, 23.833, 31.459

 0, 23.833, 31.459

 78, 23.833, 31.459

 78, 23.833, 31.459

73, 33.648, 32.156

84, 14.741, 30.988

68, 44.161, 33.124

89, 6.357, 30.642

63, 55.263, 34.431

95, 1.366, 211.043

59, 66.731, 36.102

99, 5.925, 199.142

55, 78.124, 38.063

53, 88.500, 39.961

51, 96.046, 41.045

51, 97.200, 41.268

Harmonies

Complementary

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



78, 23.833, 31.459



88, 19.502, 210.665

Rectangle

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



78, 23.833, 31.459



78, 23.833, 81.459



78, 23.833, 211.459



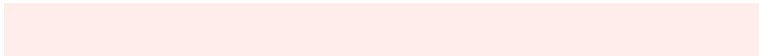
78, 23.833, 261.459

Sweetspot

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



78, 23.831, 31.465



95, 6.583, 30.637



78, 39.293, 329.454



50, 4.708, 30.688



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, 23.831, 31.465



80, 31.203, 31.847



86, 23.890, 83.217



47, 4.474, 30.686



39, 79.767, 41.526



9, 27.448, 30.434

Inverse Universe

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



88, 19.502, 210.665



92, 24.313, 210.801



79, 23.296, 271.339



49, 4.206, 210.603



61, 34.435, 218.165



18, 15.192, 214.762

Previews

White Background



This preview shows how the CIELCh color 78, 23.833, 31.459 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, 23.833, 31.459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

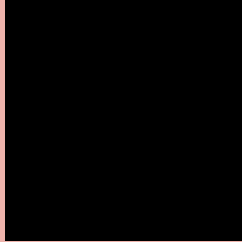
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 23.833, 31.459

Background



This preview shows how black text looks on a background with the CIELCh color 78, 23.833, 31.459.



This preview shows how white text looks on a background with the CIELCh color 78, 23.833, 31.459.

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, 23.833, 31.459

Protanopia

78, 8.053, 87.216

Deuteranopia

78, 16.261, 53.904



Tritanopia
78, 25.317, 5.914

Trichromacy



Original Color
78, 23.833, 31.459

Protanomaly
78, 12.310, 51.265

Deuteranomaly
78, 18.427, 42.558

Tritanomaly
78, 24.125, 15.218

Monochromacy



Original Color
78, 23.833, 31.459

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, 23.833, 31.459 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, 171)` looks like.

```
.text, #text, p{  
    color:rgb(238, 179, 171)  
}
```

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, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 179, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 23.833, 31.459 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, 171) }
```

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

```
.border{ border-color:rgb(238, 179, 171) }
```

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, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 179, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 179, 171);  
box-shadow:4px 4px 4px 4px rgb(238, 179,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 23.833, 31.459 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, 171) }
```

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

```
.background{ background-color: rgb(238,  
179, 171) }
```

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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