

Converting Colors

CIELCh(78, 23.236, 39.041)

Have a look what the booklet for
CIELCh(78, 23.236, 39.041) contains.

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Color

CIELCh(78, 23.125, 38.324)

Conversions

Conversions Part 1

Format	Color
Hex	EBB4A7
RGB	235, 180, 167
RGB Percent	92%, 71%, 65%
CMY	0.0776, 0.2934, 0.3444
CMYK	0.00, 0.23, 0.29, 0.08
HSL	11°, 63%, 79%
HSV	11°, 29%, 92%
XYZ	57.6790, 53.2120, 43.8801
YIQ	194.9630, 36.9530, 7.6170

Conversions

Conversions Part 2

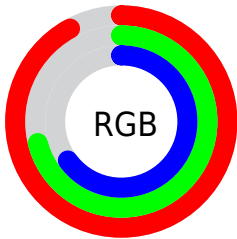
Format	Color
R _Y B	235, 183, 167
Decimal	15447207
CIE Lab	78.00, 18.14, 14.34
CIE LCh	78, 23.125, 38.324
Yxy	53.2120, 0.3727, 0.3438
Android (android.graphics.Color)	4293637287 (0xFFEBB4A7)
YUV	194.9630, -13.7858, 35.1124
Hunter-Lab	72.9466, 13.4838, 15.3975

Details

The CIELCh color **78, 23.125, 38.324** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85, 18.901, 219.654**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 10.006, 65.337**, and **58, 23.138, 38.384** is the 20% darker color. If you saturate the color by 10%, you get **73, 32.453, 38.589**, and if you desaturate by 10%, it is **83, 14.503, 38.237**.

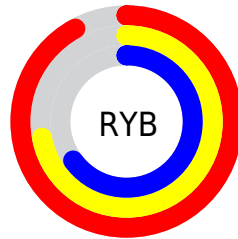
Distribution



Red (92%)

Green (71%)

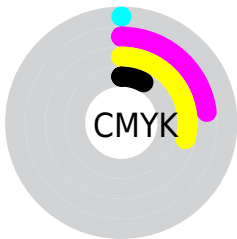
Blue (65%)



Red (92%)

Yellow (72%)

Blue (65%)

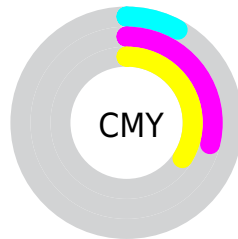


Cyan (0%)

Magenta (23%)

Yellow (29%)

Black (8%)



Cyan (8%)

Magenta (29%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 23.125, 38.324 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, 23.125, 38.324 by changing the saturation by 10% instead.

78, 23.125, 38.324

78, 23.125, 38.324

100, 23.125,
38.324

68, 23.125, 38.324

98, 23.125, 38.324

58, 23.125, 38.324

48, 23.125, 38.324

38, 23.125, 38.324

28, 23.125, 38.324

18, 23.125, 38.324

8, 23.125, 38.324

0, 23.125, 38.324

78, 23.125, 38.324

78, 23.125, 38.324

73, 32.453, 38.589

83, 14.503, 38.237

68, 42.491, 39.056

88, 6.558, 38.241

64, 53.168, 39.767

94, 0.767, 219.294

60, 64.301, 40.721

99, 6.783, 199.074

57, 75.466, 41.819

54, 85.710, 42.717

52, 93.400, 42.841

51, 94.149, 42.885

Harmonies

Complementary

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



78, 23.125, 38.324



85, 18.901, 219.654

Rectangle

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



78, 23.125, 38.324



78, 23.125, 88.324



78, 23.125, 218.324



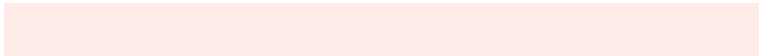
78, 23.125, 268.324

Sweetspot

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



78, 23.124, 38.331



95, 7.070, 38.241



77, 38.180, 331.784



50, 4.943, 38.240



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, 23.124, 38.331



81, 30.677, 38.469



86, 25.717, 88.726



46, 4.178, 38.241



40, 76.977, 43.273



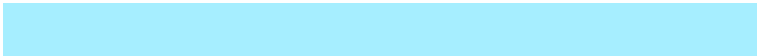
9, 25.056, 33.658

Inverse Universe

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



85, 18.901, 219.654



90, 23.835, 220.112



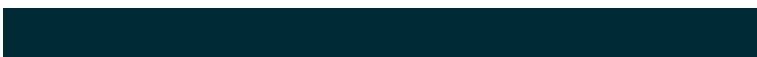
76, 25.704, 276.857



48, 3.936, 218.792



56, 33.842, 233.594



16, 14.417, 227.493

Previews

White Background



This preview shows how the CIELCh color 78, 23.125, 38.324 looks on a white background.

Color Contrast Check

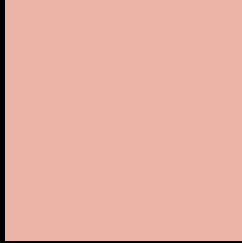
Large Text (above 18pt) WCAG AA × Fail

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, 23.125, 38.324 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, 23.125, 38.324

Background



This preview shows how black text looks on a background with the CIELCh color 78, 23.125, 38.324.



This preview shows how white text looks on a background with the CIELCh color 78, 23.125, 38.324.

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, 23.125, 38.324

Protanopia

78, 10.571, 92.316

Deuteranopia

78, 17.608, 57.235



Tritanopia
78, 24.173, 5.022

Trichromacy



Original Color
78, 23.125, 38.324

Protanomaly
78, 12.996, 60.792

Deuteranomaly
78, 19.393, 49.933

Tritanomaly
78, 22.914, 16.085

Monochromacy



Original Color
78, 23.125, 38.324

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 8.041, 39.198

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 23.125, 38.324 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(235, 180, 167)` looks like.

```
.text, #text, p{  
    color:rgb(235, 180, 167)  
}
```

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(235, 180, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 180, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 23.125, 38.324 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(235, 180, 167) }
```

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

```
.border{ border-color:rgb(235, 180, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 180, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 180, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 180, 167);  
box-shadow:4px 4px 4px 4px rgb(235, 180,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 23.125, 38.324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 180, 167) }
```

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

```
.background{ background-color: rgb(235,  
180, 167) }
```

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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