

Converting Colors

CIELCh(78, 24.702, 36.269)

Have a look what the booklet for
CIELCh(78, 24.702, 36.269) contains.

CIELCh(78, 24.529, 36.172)	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, 24.529, 36.172)

Conversions

Conversions Part 1

Format	Color
Hex	EEB3A7
RGB	238, 179, 167
RGB Percent	93%, 70%, 65%
CMY	0.0666, 0.2980, 0.3451
CMYK	0.00, 0.25, 0.30, 0.07
HSL	10°, 68%, 79%
HSV	10°, 30%, 93%
XYZ	58.3598, 53.2120, 43.7578
YIQ	195.2730, 39.0160, 8.7760

Conversions

Conversions Part 2

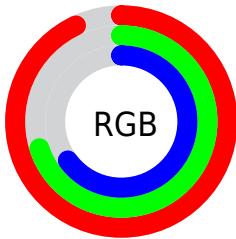
Format	Color
R _Y B	238, 181, 167
Decimal	15643559
CIE Lab	78.00, 19.80, 14.48
CIE LCh	78, 24.529, 36.172
Yxy	53.2120, 0.3757, 0.3426
Android (android.graphics.Color)	4293833639 (0xFFEEB3A7)
YUV	195.2730, -13.9386, 37.4716
Hunter-Lab	72.9466, 15.1497, 15.4968

Details

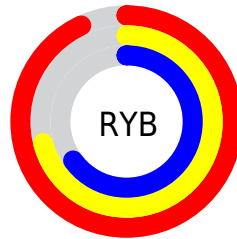
The CIELCh color **78, 24.529, 36.172** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86, 19.850, 216.840**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 9.919, 61.806**, and **58, 24.654, 36.181** is the 20% darker color. If you saturate the color by 10%, you get **73, 34.149, 36.597**, and if you desaturate by 10%, it is **83, 15.630, 35.945**.

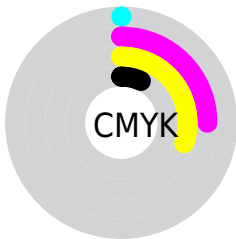
Distribution



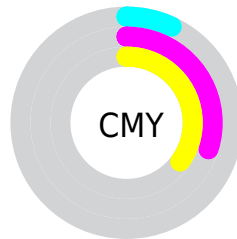
- Red (93%)
- Green (70%)
- Blue (65%)



- Red (93%)
- Yellow (71%)
- Blue (65%)



- Cyan (0%)
- Magenta (25%)
- Yellow (30%)
- Black (7%)



- Cyan (7%)
- Magenta (30%)
- Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 24.529, 36.172 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, 24.529, 36.172 by changing the saturation by 10% instead.

 78, 24.529, 36.172

 78, 24.529, 36.172

 100, 24.529,
36.172

 68, 24.529, 36.172

 98, 24.529, 36.172

 58, 24.529, 36.172

 48, 24.529, 36.172

 38, 24.529, 36.172

 28, 24.529, 36.172

 18, 24.529, 36.172

 8, 24.529, 36.172

 0, 24.529, 36.172

 78, 24.529, 36.172

 78, 24.529, 36.172

73, 34.149, 36.597

83, 15.630, 35.945

68, 44.479, 37.252

89, 7.430, 35.832

64, 55.431, 38.182

94, 0.125, 220.968

60, 66.789, 39.388

99, 5.837, 199.149

56, 78.082, 40.757

54, 88.255, 41.899

52, 95.689, 42.280

52, 95.804, 42.293

Harmonies

Complementary

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



78, 24.529, 36.172



86, 19.850, 216.840

Rectangle

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



78, 24.529, 36.172



78, 24.529, 86.172



78, 24.529, 216.172



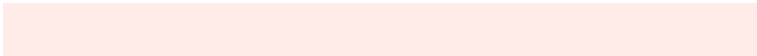
78, 24.529, 266.172

Sweetspot

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



78, 24.527, 36.179



95, 7.170, 35.824



77, 40.213, 331.251



50, 5.013, 35.838



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, 24.527, 36.179



80, 32.142, 36.418



87, 26.426, 87.259



47, 4.313, 35.828



40, 78.479, 42.635



9, 26.655, 33.254

Inverse Universe

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



86, 19.850, 216.840



90, 24.687, 217.220



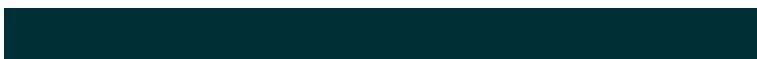
77, 26.252, 275.768



49, 4.059, 216.179



58, 34.026, 228.790



17, 14.880, 223.699

Previews

White Background



This preview shows how the CIELCh color 78, 24.529, 36.172 looks on a white background.

Color Contrast Check

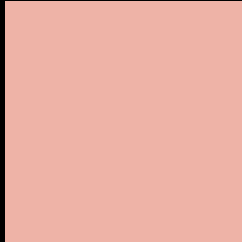
Large Text (above 18pt) WCAG AA × Fail

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, 24.529, 36.172 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, 24.529, 36.172

Background



This preview shows how black text looks on a background with the CIELCh color 78, 24.529, 36.172.



This preview shows how white text looks on a background with the CIELCh color 78, 24.529, 36.172.

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, 24.529, 36.172

Protanopia

78, 10.571, 92.316

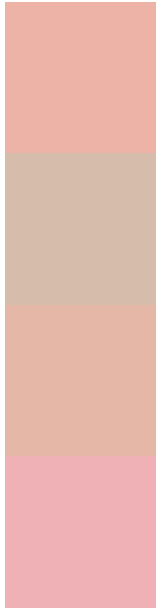
Deuteranopia

78, 17.935, 56.468



Tritanopia
78, 25.317, 5.914

Trichromacy



Original Color
78, 24.529, 36.172

Protanomaly
78, 13.668, 61.299

Deuteranomaly
78, 20.213, 47.054

Tritanomaly
78, 24.127, 16.470

Monochromacy



Original Color
78, 24.529, 36.172

Achromatopsia
79, 0.010, 296.813

Achromatomaly
78, 8.621, 34.255

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 24.529, 36.172 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, 167)` looks like.

```
.text, #text, p{  
    color:rgb(238, 179, 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(238, 179, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 179, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 24.529, 36.172 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, 167) }
```

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

```
.border{ border-color:rgb(238, 179, 167) }
```

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, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 179, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 179, 167);  
box-shadow:4px 4px 4px 4px rgb(238, 179,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 24.529, 36.172 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, 167) }
```

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

```
.background{ background-color: rgb(238,  
179, 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](#).

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