

Converting Colors

CIELCh(78, 24.263, 54.643)

Have a look what the booklet for
CIELCh(78, 24.263, 54.643) contains.

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Color

CIELCh(78, 24.119, 55.297)

Conversions

Conversions Part 1

Format	Color
Hex	E7B79D
RGB	231, 183, 157
RGB Percent	91%, 72%, 62%
CMY	0.0946, 0.2828, 0.3848
CMYK	0.00, 0.21, 0.32, 0.09
HSL	21°, 61%, 76%
HSV	21°, 32%, 91%
XYZ	55.8948, 53.2120, 39.1687
YIQ	194.3880, 36.9540, 2.0900

Conversions

Conversions Part 2

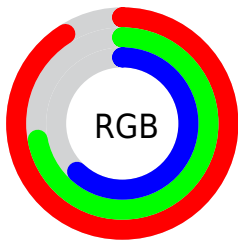
Format	Color
R _Y B	231, 197, 157
Decimal	15185821
CIE Lab	78.00, 13.73, 19.83
CIE LCh	78, 24.119, 55.297
Yxy	53.2120, 0.3770, 0.3589
Android (android.graphics.Color)	4293375901 (0xFFE7B79D)
YUV	194.3880, -18.4323, 32.1087
Hunter-Lab	72.9466, 9.1180, 19.2268

Details

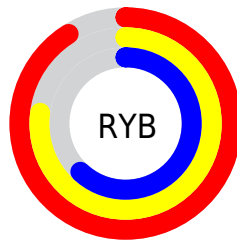
The CIELCh color **78, 24.119, 55.297** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **80, 20.287, 241.966**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 15.044, 85.709**, and **58, 23.909, 55.022** is the 20% darker color. If you saturate the color by 10%, you get **74, 32.817, 54.614**, and if you desaturate by 10%, it is **82, 16.004, 56.059**.

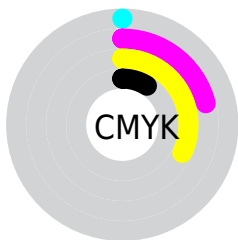
Distribution



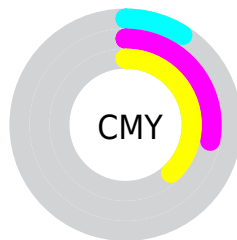
- Red (91%)
- Green (72%)
- Blue (62%)



- Red (91%)
- Yellow (77%)
- Blue (62%)



- Cyan (0%)
- Magenta (21%)
- Yellow (32%)
- Black (9%)



- Cyan (9%)
- Magenta (28%)
- Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 24.119, 55.297 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, 24.119, 55.297 by changing the saturation by 10% instead.

 78, 24.119, 55.297

 78, 24.119, 55.297

 100, 24.119,
55.297

 68, 24.119, 55.297

 98, 24.119, 55.297

 58, 24.119, 55.297

 48, 24.119, 55.297


 38, 24.119, 55.297

 28, 24.119, 55.297

 18, 24.119, 55.297

 8, 24.119, 55.297

 0, 24.119, 55.297

 78, 24.119, 55.297

 78, 24.119, 55.297

74, 32.817, 54.614

82, 16.004, 56.059

70, 42.097, 54.000

86, 8.441, 56.848

66, 51.887, 53.454

91, 1.382, 57.382

63, 61.972, 52.921

95, 5.224, 238.742

60, 71.834, 52.241

98, 8.233, 198.965

57, 80.409, 51.045

55, 85.707, 49.612

Harmonies

Complementary

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



78, 24.119, 55.297



80, 20.287, 241.966

Rectangle

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



78, 24.119, 55.297



78, 24.119, 105.297



78, 24.119, 235.297



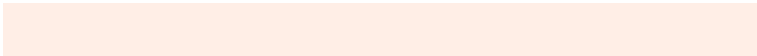
78, 24.119, 285.297

Sweetspot

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



78, 24.118, 55.304



95, 7.542, 57.003



73, 37.155, 338.886



50, 5.171, 56.893



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, 24.118, 55.304



83, 31.702, 54.870



87, 32.795, 99.650



46, 3.924, 57.049



43, 70.277, 50.228



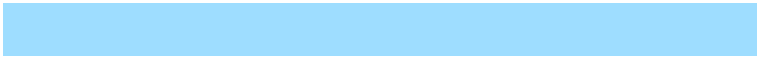
10, 21.703, 45.227

Inverse Universe

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



80, 20.287, 241.966



85, 25.651, 243.101



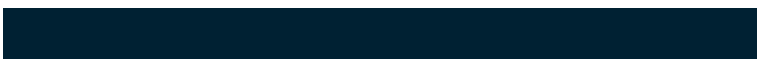
70, 34.509, 287.724



46, 3.753, 238.933



47, 40.922, 264.934



11, 15.638, 255.469

Previews

White Background



This preview shows how the CIELCh color 78, 24.119, 55.297 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, 24.119, 55.297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

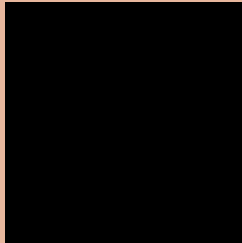
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 24.119, 55.297

Background



This preview shows how black text looks on a background with the CIELCh color 78, 24.119, 55.297.

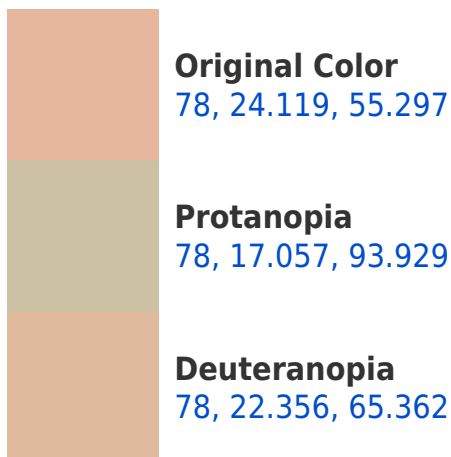


This preview shows how white text looks on a background with the CIELCh color 78, 24.119, 55.297.

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
78, 22.795, 2.430

Trichromacy



Original Color
78, 24.119, 55.297

Protanomaly
78, 18.467, 76.088

Deuteranomaly
78, 22.884, 62.349

Tritanomaly
78, 20.636, 22.574

Monochromacy



Original Color
78, 24.119, 55.297

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 8.064, 56.186

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 24.119, 55.297 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(231, 183, 157)` looks like.

```
.text, #text, p{  
    color:rgb(231, 183, 157)  
}
```

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(231, 183, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 183, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 24.119, 55.297 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(231, 183, 157) }
```

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

```
.border{ border-color:rgb(231, 183, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 183, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 183, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 183, 157);  
box-shadow:4px 4px 4px 4px rgb(231, 183,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 24.119, 55.297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 183, 157) }
```

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

```
.background{ background-color: rgb(231,  
183, 157) }
```

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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