

Converting Colors

CIELCh(78, 24.016, 12.868)

Have a look what the booklet for
CIELCh(78, 24.016, 12.868) contains.

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Color

CIELCh(78, 24.157, 12.715)

Conversions

Conversions Part 1

Format	Color
Hex	EFB1B8
RGB	239, 177, 184
RGB Percent	94%, 69%, 72%
CMY	0.0630, 0.3061, 0.2787
CMYK	0.00, 0.26, 0.23, 0.06
HSL	353°, 66%, 82%
HSV	353°, 26%, 94%
XYZ	59.9241, 53.2120, 52.4215
YIQ	196.3360, 34.7050, 15.3210

Conversions

Conversions Part 2

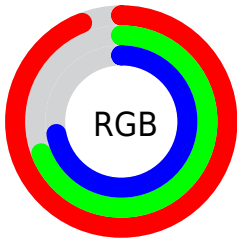
Format	Color
R _Y B	239, 177, 184
Decimal	15708600
CIE Lab	78.00, 23.56, 5.32
CIE LCh	78, 24.157, 12.715
Yxy	53.2120, 0.3620, 0.3214
Android (android.graphics.Color)	4293898680 (0xFFEFB1B8)
YUV	196.3360, -6.0816, 37.4163
Hunter-Lab	72.9466, 18.9775, 8.4551

Details

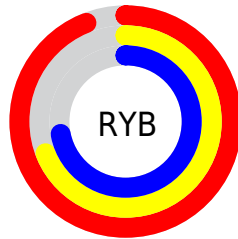
The CIELCh color **78, 24.157, 12.715** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90, 21.054, 188.039**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 8.663, 355.469**, and **58, 24.156, 12.866** is the 20% darker color. If you saturate the color by 10%, you get **72, 34.400, 14.188**, and if you desaturate by 10%, it is **84, 14.396, 11.527**.

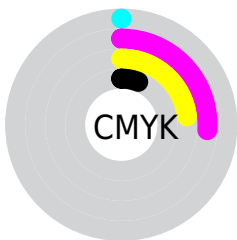
Distribution



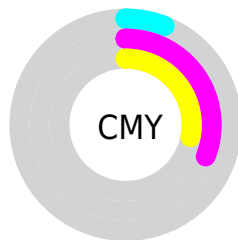
- Red (94%)
- Green (69%)
- Blue (72%)



- Red (94%)
- Yellow (69%)
- Blue (72%)



- Cyan (0%)
- Magenta (26%)
- Yellow (23%)
- Black (6%)



- Cyan (6%)
- Magenta (31%)
- Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 24.157, 12.715 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, 24.157, 12.715 by changing the saturation by 10% instead.

 78, 24.157, 12.715

 78, 24.157, 12.715

 100, 24.157,
12.715

 68, 24.157, 12.715

 98, 24.157, 12.715

 58, 24.157, 12.715

 48, 24.157, 12.715

 38, 24.157, 12.715

 28, 24.157, 12.715

 18, 24.157, 12.715

 8, 24.157, 12.715

 0, 24.157, 12.715

 78, 24.157, 12.715

 78, 24.157, 12.715

72, 34.400, 14.188

84, 14.396, 11.527

67, 44.975, 16.033

91, 5.199, 10.488

62, 55.617, 18.382

97, 3.425, 189.980

57, 65.976, 21.372

99, 5.527, 199.175

54, 75.681, 25.106

52, 84.424, 29.538

50, 91.867, 34.247

50, 94.487, 35.924

Harmonies

Complementary

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



78, 24.157, 12.715



90, 21.054, 188.039

Rectangle

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



78, 24.157, 12.715



78, 24.157, 62.715



78, 24.157, 192.715



78, 24.157, 242.715

Sweetspot

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



78, 24.155, 12.720



95, 7.424, 10.705



79, 38.134, 322.481



50, 5.301, 10.858



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, 24.155, 12.720



79, 30.877, 13.437



84, 19.655, 59.368



47, 5.038, 10.852



38, 76.859, 35.142



8, 29.297, 19.225

Inverse Universe

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



78, 24.155, 12.720



79, 30.877, 13.437



84, 17.374, 245.214



47, 5.038, 10.852



38, 76.859, 35.142



8, 29.297, 19.225

Previews

White Background



This preview shows how the CIELCh color 78, 24.157, 12.715 looks on a white background.

Color Contrast Check

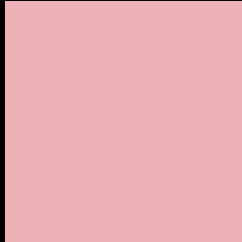
Large Text (above 18pt) WCAG AA × Fail

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, 24.157, 12.715 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, 24.157, 12.715

Background



This preview shows how black text looks on a background with the CIELCh color 78, 24.157, 12.715.

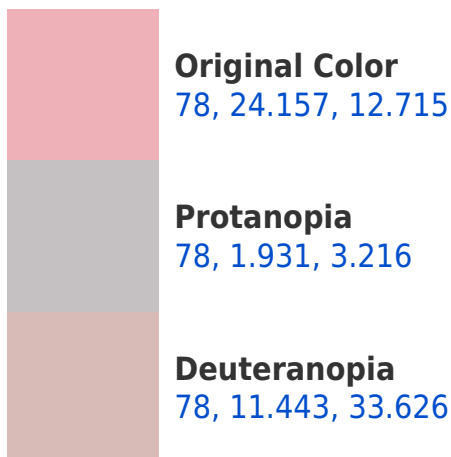


This preview shows how white text looks on a background with the CIELCh color 78, 24.157, 12.715.

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](#).

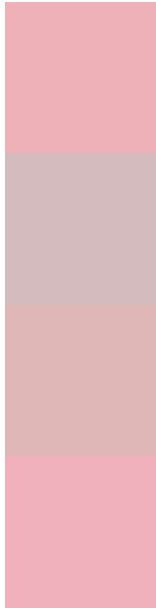
Dichromacy





Tritanopia
78, 25.417, 4.745

Trichromacy



Original Color
78, 24.157, 12.715

Protanomaly
78, 9.545, 10.515

Deuteranomaly
78, 15.761, 20.679

Tritanomaly
78, 25.229, 7.093

Monochromacy



Original Color
78, 24.157, 12.715

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 8.774, 9.595

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 24.157, 12.715 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(239, 177, 184)` looks like.

```
.text, #text, p{  
    color:rgb(239, 177, 184)  
}
```

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(239, 177, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 177, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 24.157, 12.715 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(239, 177, 184) }
```

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

```
.border{ border-color:rgb(239, 177, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 177, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 177, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 177, 184);  
box-shadow:4px 4px 4px 4px rgb(239, 177,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 24.157, 12.715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 177, 184) }
```

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

```
.background{ background-color: rgb(239,  
177, 184) }
```

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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