

Converting Colors

CIELCh(78, 20.172, 20.797)

Have a look what the booklet for
CIELCh(78, 20.172, 20.797) contains.

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Color

CIELCh(78, 20.182, 21.079)

Conversions

Conversions Part 1

Format	Color
Hex	E8B4B4
RGB	232, 180, 180
RGB Percent	91%, 71%, 71%
CMY	0.0894, 0.2933, 0.2934
CMYK	0.00, 0.22, 0.22, 0.09
HSL	0°, 53%, 81%
HSV	0°, 22%, 91%
XYZ	57.9613, 53.2120, 50.4976
YIQ	195.5480, 30.9920, 11.0240

Conversions

Conversions Part 2

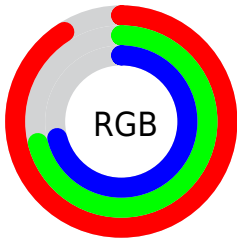
Format	Color
R _Y B	232, 180, 180
Decimal	15250612
CIE Lab	78.00, 18.83, 7.26
CIE LCh	78, 20.182, 21.079
Yxy	53.2120, 0.3585, 0.3291
Android (android.graphics.Color)	4293440692 (0xFFE8B4B4)
YUV	195.5480, -7.6652, 31.9684
Hunter-Lab	72.9466, 14.1746, 10.0188

Details

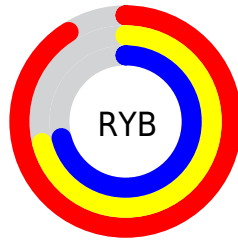
The CIELCh color **78, 20.182, 21.079** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89, 17.379, 198.281**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 6.829, 19.778**, and **58, 20.409, 21.612** is the 20% darker color. If you saturate the color by 10%, you get **72, 30.314, 22.242**, and if you desaturate by 10%, it is **84, 10.739, 20.180**.

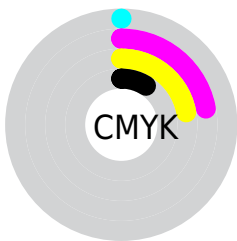
Distribution



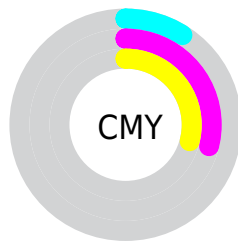
- Red (91%)
- Green (71%)
- Blue (71%)



- Red (91%)
- Yellow (71%)
- Blue (71%)



- Cyan (0%)
- Magenta (22%)
- Yellow (22%)
- Black (9%)



- Cyan (9%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 20.182, 21.079 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, 20.182, 21.079 by changing the saturation by 10% instead.

78, 20.182, 21.079

78, 20.182, 21.079

100, 20.182,
21.079

68, 20.182, 21.079

98, 20.182, 21.079

58, 20.182, 21.079

48, 20.182, 21.079

38, 20.182, 21.079

28, 20.182, 21.079

18, 20.182, 21.079

8, 20.182, 21.079

0, 20.182, 21.079

78, 20.182, 21.079

78, 20.182, 21.079

72, 30.314, 22.242

84, 10.739, 20.180

66, 41.068, 23.750

91, 1.998, 19.250

61, 52.271, 25.722

97, 6.081, 199.130

57, 63.641, 28.264

98, 7.788, 198.998

53, 74.777, 31.417

51, 85.082, 34.995

49, 93.318, 38.271

48, 97.422, 40.001

Harmonies

Complementary

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



78, 20.182, 21.079



89, 17.379, 198.281

Rectangle

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



78, 20.182, 21.079



78, 20.182, 71.079



78, 20.182, 201.079



78, 20.182, 251.079

Sweetspot

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



78, 20.180, 21.085



95, 6.404, 19.749



79, 33.204, 325.663



50, 4.171, 19.798



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, 20.180, 21.085



82, 26.727, 21.596



84, 17.036, 72.625



46, 4.904, 19.945



38, 80.846, 39.987



7, 28.533, 22.720

Inverse Universe

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



89, 17.379, 198.281



96, 22.223, 198.057



82, 16.042, 258.731



48, 4.619, 198.976



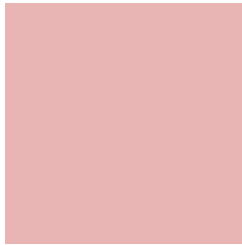
67, 38.747, 196.401



19, 16.593, 196.399

Previews

White Background



This preview shows how the CIELCh color 78, 20.182, 21.079 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 CIE LCh color 78, 20.182, 21.079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

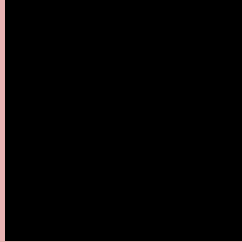
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 20.182, 21.079

Background



This preview shows how black text looks on a background with the CIELCh color 78, 20.182, 21.079.



This preview shows how white text looks on a background with the CIELCh color 78, 20.182, 21.079.

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, 20.182, 21.079

Protanopia

78, 3.468, 69.594

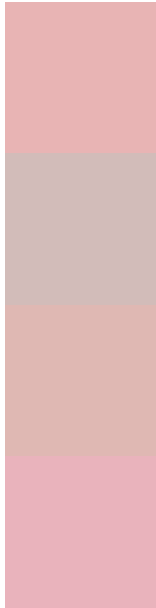
Deuteranopia

78, 12.552, 37.489



Tritanopia
78, 22.431, 2.066

Trichromacy



Original Color
78, 20.182, 21.079

Protanomaly
78, 8.498, 30.815

Deuteranomaly
78, 15.362, 30.498

Tritanomaly
78, 21.131, 8.207

Monochromacy



Original Color
78, 20.182, 21.079

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 7.134, 19.902

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 20.182, 21.079 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(232, 180, 180)` looks like.

```
.text, #text, p{  
    color:rgb(232, 180, 180)  
}
```

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(232, 180, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 180, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 20.182, 21.079 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(232, 180, 180) }
```

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

```
.border{ border-color:rgb(232, 180, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 180, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 180, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 180, 180);  
box-shadow:4px 4px 4px 4px rgb(232, 180,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 20.182, 21.079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 180, 180) }
```

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

```
.background{ background-color: rgb(232,  
180, 180) }
```

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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