

Converting Colors

CIELCh(78, 20.580, 27.270)

Have a look what the booklet for
CIELCh(78, 20.580, 27.270) contains.

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Color

CIELCh(78, 20.886, 26.890)

Conversions

Conversions Part 1

Format	Color
Hex	E9B4B0
RGB	233, 180, 176
RGB Percent	91%, 71%, 69%
CMY	0.0855, 0.2934, 0.3091
CMYK	0.00, 0.23, 0.24, 0.09
HSL	4°, 57%, 80%
HSV	4°, 24%, 91%
XYZ	57.8778, 53.2120, 48.3868
YIQ	195.3910, 32.8720, 9.9920

Conversions

Conversions Part 2

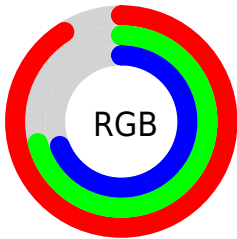
Format	Color
R _Y B	233, 180, 176
Decimal	15316144
CIE Lab	78.00, 18.63, 9.45
CIE LCh	78, 20.886, 26.890
Yxy	53.2120, 0.3629, 0.3337
Android (android.graphics.Color)	4293506224 (0xFFE9B4B0)
YUV	195.3910, -9.5598, 32.9831
Hunter-Lab	72.9466, 13.9702, 11.7344

Details

The CIELCh color **78, 20.886, 26.890** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88, 17.624, 205.140**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 7.163, 36.345**, and **58, 20.679, 26.234** is the 20% darker color. If you saturate the color by 10%, you get **72, 30.634, 27.769**, and if you desaturate by 10%, it is **84, 11.845, 26.246**.

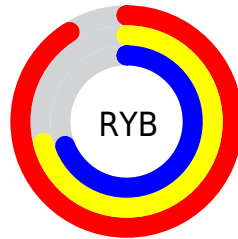
Distribution



Red (91%)

Green (71%)

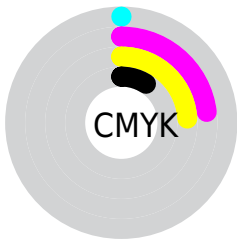
Blue (69%)



Red (91%)

Yellow (71%)

Blue (69%)

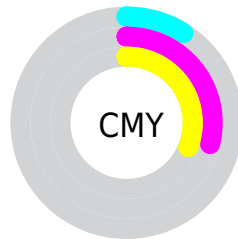


Cyan (0%)

Magenta (23%)

Yellow (24%)

Black (9%)



Cyan (9%)

Magenta (29%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 20.886, 26.890 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, 20.886, 26.890 by changing the saturation by 10% instead.

78, 20.886, 26.890

78, 20.886, 26.890

100, 20.886,
26.890

68, 20.886, 26.890

98, 20.886, 26.890

58, 20.886, 26.890

48, 20.886, 26.890

38, 20.886, 26.890

28, 20.886, 26.890

18, 20.886, 26.890

8, 20.886, 26.890

0, 20.886, 26.890

78, 20.886, 26.890

78, 20.886, 26.890

72, 30.634, 27.769

84, 11.845, 26.246

67, 41.057, 28.943

90, 3.500, 25.669

62, 52.042, 30.498

96, 4.195, 205.679

58, 63.369, 32.502

98, 7.457, 199.022

54, 74.666, 34.944

52, 85.239, 37.593

50, 93.570, 39.721

49, 96.803, 40.594

Harmonies

Complementary

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



78, 20.886, 26.890



88, 17.624, 205.140

Rectangle

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



78, 20.886, 26.890



78, 20.886, 76.890



78, 20.886, 206.890



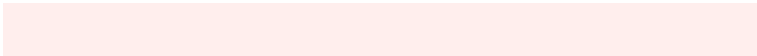
78, 20.886, 256.890

Sweetspot

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



78, 20.884, 26.897



95, 5.985, 25.838



79, 34.762, 327.673



50, 3.898, 25.873



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, 20.884, 26.897



82, 27.147, 27.274



85, 19.544, 79.090



46, 4.585, 25.973



38, 79.865, 40.769



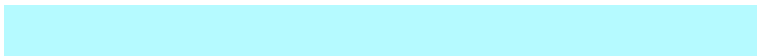
8, 27.118, 26.491

Inverse Universe

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



88, 17.624, 205.140



94, 22.082, 205.082



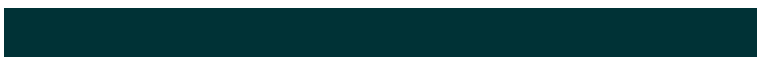
80, 18.784, 266.026



48, 4.312, 205.495



63, 35.454, 208.380



18, 15.350, 206.475

Previews

White Background



This preview shows how the CIELCh color 78, 20.886, 26.890 looks on a white background.

Color Contrast Check

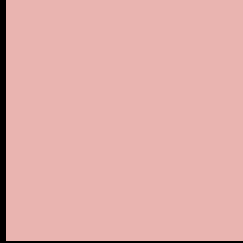
Large Text (above 18pt) WCAG AA × Fail

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, 20.886, 26.890 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, 20.886, 26.890

Background



This preview shows how black text looks on a background with the CIELCh color 78, 20.886, 26.890.



This preview shows how white text looks on a background with the CIELCh color 78, 20.886, 26.890.

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, 20.886, 26.890

Protanopia

78, 5.463, 80.806

Deuteranopia

78, 13.807, 45.266



Tritanopia
78, 22.795, 2.430

Trichromacy



Original Color
78, 20.886, 26.890

Protanomaly
78, 9.567, 42.886

Deuteranomaly
78, 16.394, 37.467

Tritanomaly
78, 21.390, 11.284

Monochromacy



Original Color
78, 20.886, 26.890

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 7.547, 23.968

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 20.886, 26.890 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(233, 180, 176)` looks like.

```
.text, #text, p{  
    color:rgb(233, 180, 176)  
}
```

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(233, 180, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 180, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 20.886, 26.890 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(233, 180, 176) }
```

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

```
.border{ border-color:rgb(233, 180, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 180, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 180, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 180, 176); box-shadow:4px 4px 4px 4px rgb(233, 180, 176) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 20.886, 26.890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 180, 176) }
```

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

```
.background{ background-color: rgb(233,  
180, 176) }
```

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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