

Converting Colors

CIELCh(80, 20.084, 10.511)

Have a look what the booklet for
CIELCh(80, 20.084, 10.511) contains.

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Color

CIELCh(80, 20.105, 10.522)

Conversions

Conversions Part 1

Format	Color
Hex	EDB9C0
RGB	237, 185, 192
RGB Percent	93%, 73%, 75%
CMY	0.0695, 0.2734, 0.2460
CMYK	0.00, 0.22, 0.19, 0.07
HSL	352°, 59%, 83%
HSV	352°, 22%, 93%
XYZ	61.9692, 56.6813, 57.6998
YIQ	201.3460, 28.7450, 13.2010

Conversions

Conversions Part 2

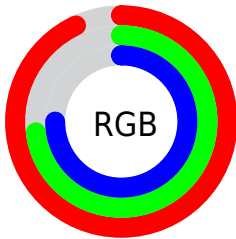
Format	Color
R _Y B	237, 185, 192
Decimal	15579584
CIE Lab	80.00, 19.77, 3.67
CIE LCh	80, 20.105, 10.522
Yxy	56.6813, 0.3514, 0.3214
Android (android.graphics.Color)	4293769664 (0xFFEDB9C0)
YUV	201.3460, -4.6076, 31.2686
Hunter-Lab	75.2870, 15.1724, 7.2611

Details

The CIELCh color **80, 20.105, 10.522** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90, 18.044, 186.556**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 6.134, 344.027**, and **60, 19.803, 10.207** is the 20% darker color. If you saturate the color by 10%, you get **74, 30.084, 11.893**, and if you desaturate by 10%, it is **86, 10.610, 9.394**.

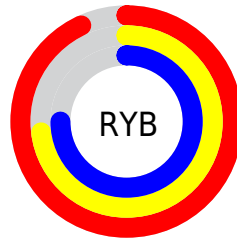
Distribution



Red (93%)

Green (73%)

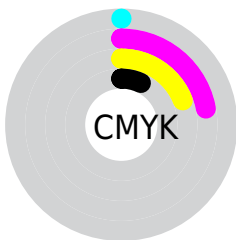
Blue (75%)



Red (93%)

Yellow (73%)

Blue (75%)

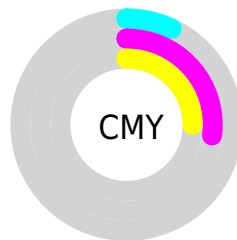


Cyan (0%)

Magenta (22%)

Yellow (19%)

Black (7%)



Cyan (7%)

Magenta (27%)

Yellow (25%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 20.105, 10.522 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 80, 20.105, 10.522 by changing the saturation by 10% instead.

 80, 20.105, 10.522

 80, 20.105, 10.522

 100, 20.105,
10.522

 70, 20.105, 10.522

 60, 20.105, 10.522

 50, 20.105, 10.522

 40, 20.105, 10.522

 30, 20.105, 10.522

 20, 20.105, 10.522

 10, 20.105, 10.522

 0, 20.105, 10.522

 80, 20.105, 10.522

 80, 20.105, 10.522

74, 30.084, 11.893

86, 10.610, 9.394

68, 40.424, 13.586

93, 1.658, 8.168

63, 50.894, 15.724

99, 6.130, 193.774

59, 61.166, 18.443

99, 6.082, 199.129

55, 70.865, 21.881

52, 79.666, 26.098

50, 87.363, 30.916

50, 92.712, 34.721

Harmonies

Complementary

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



80, 20.105, 10.522



90, 18.044, 186.556

Rectangle

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



80, 20.105, 10.522



80, 20.105, 60.522



80, 20.105, 190.522



80, 20.105, 240.522

Sweetspot

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



80, 20.103, 10.527



95, 6.507, 8.883



81, 31.725, 321.298



50, 4.236, 8.947



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



80, 20.103, 10.527



83, 25.580, 11.065



84, 16.263, 55.902



47, 5.061, 9.139



38, 75.806, 33.891



8, 29.214, 18.329

Inverse Universe

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



80, 20.103, 10.527



83, 25.580, 11.065



86, 14.520, 240.221



47, 5.061, 9.139



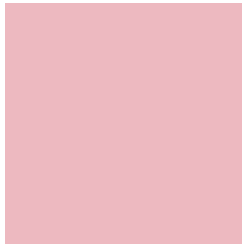
38, 75.806, 33.891



8, 29.214, 18.329

Previews

White Background



This preview shows how the CIELCh color 80, 20.105, 10.522 looks on a white background.

Color Contrast Check

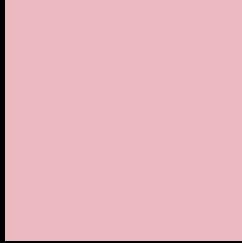
Large Text (above 18pt) WCAG AA × Fail

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 80, 20.105, 10.522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

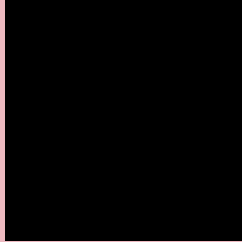
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 20.105, 10.522

Background



This preview shows how black text looks on a background with the CIELCh color 80, 20.105, 10.522.

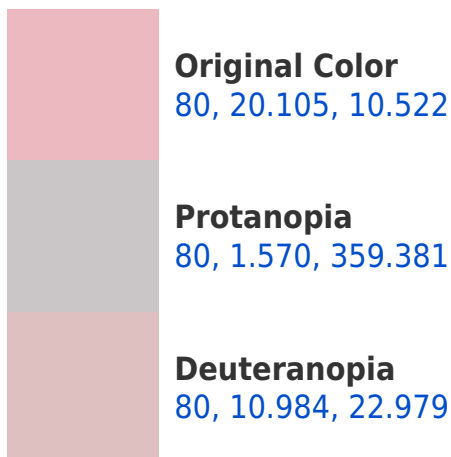


This preview shows how white text looks on a background with the CIELCh color 80, 20.105, 10.522.

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](#).

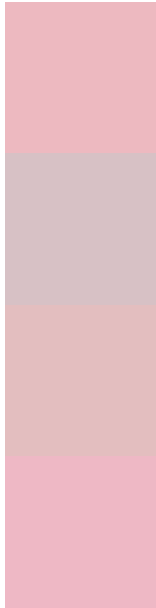
Dichromacy





Tritanopia
80, 21.728, 359.903

Trichromacy



Original Color
80, 20.105, 10.522

Protanomaly
80, 8.471, 5.537

Deuteranomaly
80, 14.057, 18.357

Tritanomaly
80, 21.441, 2.586

Monochromacy



Original Color
80, 20.105, 10.522

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 7.147, 11.386

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 20.105, 10.522 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(237, 185, 192)` looks like.

```
.text, #text, p{  
    color:rgb(237, 185, 192)  
}
```

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(237, 185, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 185, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 20.105, 10.522 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(237, 185, 192) }
```

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

```
.border{ border-color:rgb(237, 185, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 185, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 185, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 185, 192);  
box-shadow:4px 4px 4px 4px rgb(237, 185,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 20.105, 10.522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 185, 192) }
```

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

```
.background{ background-color: rgb(237,  
185, 192) }
```

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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