

Converting Colors

CIELCh(80, 18.442, 20.884)

Have a look what the booklet for
CIELCh(80, 18.442, 20.884) contains.

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Color

CIELCh(80, 18.442, 20.884)

Conversions

Conversions Part 1

Format	Color
Hex	EBBBBB
RGB	235, 187, 187
RGB Percent	92%, 73%, 73%
CMY	0.0791, 0.2673, 0.2673
CMYK	0.00, 0.20, 0.20, 0.08
HSL	0°, 54%, 83%
HSV	0°, 20%, 92%
XYZ	60.8880, 56.6813, 54.6506
YIQ	201.3520, 28.6080, 10.1760

Conversions

Conversions Part 2

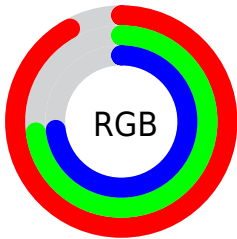
Format	Color
R _Y B	235, 187, 187
Decimal	15449019
CIE Lab	80.00, 17.23, 6.57
CIE LCh	80, 18.442, 20.884
Yxy	56.6813, 0.3535, 0.3291
Android (android.graphics.Color)	4293639099 (0xFFEBBBBB)
YUV	201.3520, -7.0755, 29.5093
Hunter-Lab	75.2870, 12.6087, 9.6624

Details

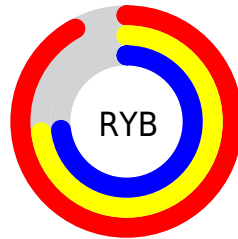
The CIELCh color **80, 18.442, 20.884** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90, 16.106, 198.376**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 4.267, 19.539**, and **60, 18.498, 21.321** is the 20% darker color. If you saturate the color by 10%, you get **74, 28.534, 21.991**, and if you desaturate by 10%, it is **86, 9.052, 20.021**.

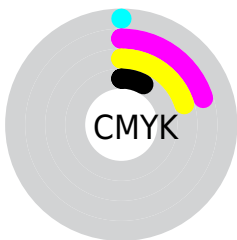
Distribution



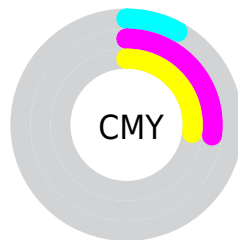
- Red (92%)
- Green (73%)
- Blue (73%)



- Red (92%)
- Yellow (73%)
- Blue (73%)



- Cyan (0%)
- Magenta (20%)
- Yellow (20%)
- Black (8%)



- Cyan (8%)
- Magenta (27%)
- Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 18.442, 20.884 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, 18.442, 20.884 by changing the saturation by 10% instead.

 80, 18.442, 20.884

 80, 18.442, 20.884

 100, 18.442,
20.884

 70, 18.442, 20.884

 60, 18.442, 20.884

 50, 18.442, 20.884

 40, 18.442, 20.884

 30, 18.442, 20.884

 20, 18.442, 20.884

 10, 18.442, 20.884

 0, 18.442, 20.884

 80, 18.442, 20.884

 80, 18.442, 20.884

74, 28.534, 21.991

86, 9.052, 20.021

68, 39.275, 23.424

93, 0.365, 17.737

63, 50.512, 25.299

99, 6.911, 199.064

58, 61.981, 27.726

54, 73.302, 30.768

52, 83.927, 34.301

50, 92.790, 37.729

49, 98.251, 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.



80, 18.442, 20.884



90, 16.106, 198.376

Rectangle

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



80, 18.442, 20.884



80, 18.442, 70.884



80, 18.442, 200.884



80, 18.442, 250.884

Sweetspot

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



80, 18.440, 20.891



96, 5.467, 19.663



81, 30.569, 325.556



51, 3.636, 19.718



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, 18.440, 20.891



83, 24.559, 21.370



86, 15.613, 72.867



46, 4.904, 19.943



38, 80.846, 39.987



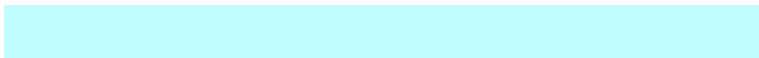
7, 28.534, 22.719

Inverse Universe

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



90, 16.106, 198.376



96, 20.729, 198.149



83, 14.788, 258.394



48, 4.619, 198.975



67, 38.748, 196.398



19, 16.593, 196.397

Previews

White Background



This preview shows how the CIELCh color 80, 18.442, 20.884 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, 18.442, 20.884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

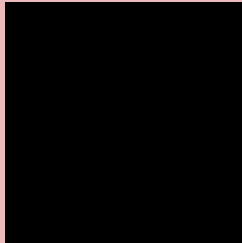
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 18.442, 20.884

Background



This preview shows how black text looks on a background with the CIELCh color 80, 18.442, 20.884.

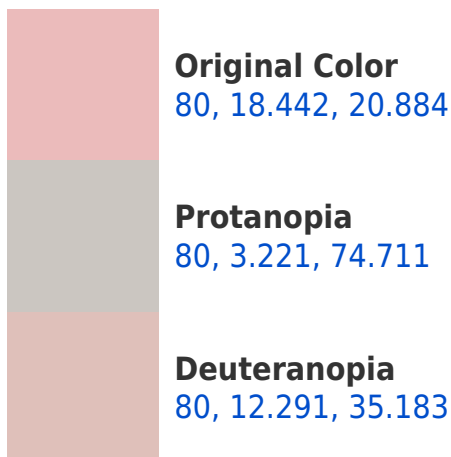



This preview shows how white text looks on a background with the CIELCh color 80, 18.442, 20.884.

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](#).

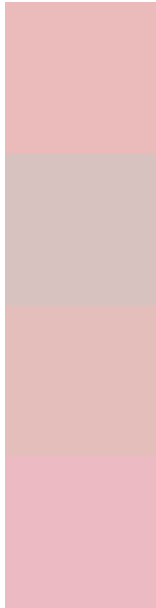
Dichromacy





Tritanopia
80, 20.486, 359.999

Trichromacy



Original Color
80, 18.442, 20.884

Protanomaly
80, 8.066, 31.290

Deuteranomaly
80, 14.358, 28.922

Tritanomaly
80, 19.475, 6.940

Monochromacy



Original Color
80, 18.442, 20.884

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 6.333, 19.814

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 18.442, 20.884 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(235, 187, 187)` looks like.

```
.text, #text, p{  
    color:rgb(235, 187, 187)  
}
```

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(235, 187, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 187, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 18.442, 20.884 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(235, 187, 187) }
```

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

```
.border{ border-color:rgb(235, 187, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 187, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 187, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 187, 187);  
box-shadow:4px 4px 4px 4px rgb(235, 187,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 18.442, 20.884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 187, 187) }
```

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

```
.background{ background-color: rgb(235,  
187, 187) }
```

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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