

Converting Colors

CIELCh(80, 19.929, 13.489)

Have a look what the booklet for
CIELCh(80, 19.929, 13.489) contains.

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Color

CIELCh(80, 20.021, 13.516)

Conversions

Conversions Part 1

Format	Color
Hex	EDB9BE
RGB	237, 185, 190
RGB Percent	93%, 73%, 75%
CMY	0.0689, 0.2729, 0.2533
CMYK	0.00, 0.22, 0.20, 0.07
HSL	354°, 60%, 83%
HSV	354°, 22%, 93%
XYZ	61.8405, 56.6813, 56.6286
YIQ	201.1180, 29.3870, 12.5790

Conversions

Conversions Part 2

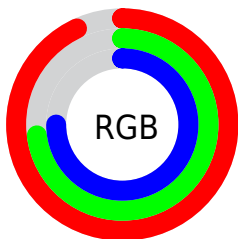
Format	Color
R _Y B	237, 185, 190
Decimal	15579582
CIE Lab	80.00, 19.47, 4.68
CIE LCh	80, 20.021, 13.516
Yxy	56.6813, 0.3531, 0.3236
Android (android.graphics.Color)	4293769662 (0xFFEDB9BE)
YUV	201.1180, -5.4812, 31.4685
Hunter-Lab	75.2870, 14.8672, 8.1047

Details

The CIELCh color **80, 20.021, 13.516** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90, 17.771, 189.814**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 5.600, 352.532**, and **60, 19.726, 13.425** is the 20% darker color. If you saturate the color by 10%, you get **74, 30.056, 14.847**, and if you desaturate by 10%, it is **86, 10.532, 12.434**.

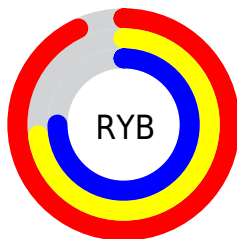
Distribution



Red (93%)

Green (73%)

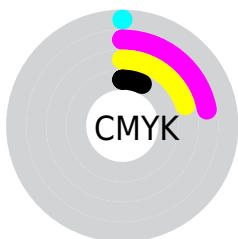
Blue (75%)



Red (93%)

Yellow (73%)

Blue (75%)

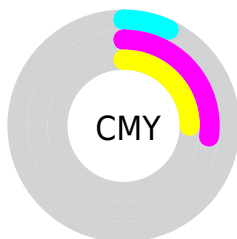


Cyan (0%)

Magenta (22%)

Yellow (20%)

Black (7%)



Cyan (7%)

Magenta (27%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 20.021, 13.516 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, 20.021, 13.516 by changing the saturation by 10% instead.

80, 20.021, 13.516

80, 20.021, 13.516

100, 20.021,
13.516

70, 20.021, 13.516

60, 20.021, 13.516

50, 20.021, 13.516

40, 20.021, 13.516

30, 20.021, 13.516

20, 20.021, 13.516

10, 20.021, 13.516

0, 20.021, 13.516

80, 20.021, 13.516

80, 20.021, 13.516

74, 30.056, 14.847

86, 10.532, 12.434

68, 40.530, 16.509

93, 1.634, 11.250

63, 51.231, 18.624

99, 6.038, 198.137

58, 61.850, 21.325

99, 6.033, 199.133

55, 72.016, 24.730

52, 81.376, 28.850

50, 89.562, 33.398

50, 94.952, 36.733

Harmonies

Complementary

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



80, 20.021, 13.516



90, 17.771, 189.814

Rectangle

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



80, 20.021, 13.516



80, 20.021, 63.516



80, 20.021, 193.516



80, 20.021, 243.516

Sweetspot

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



80, 20.019, 13.522



95, 6.454, 11.948



81, 32.154, 322.777



50, 4.202, 12.009



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, 20.019, 13.522



83, 25.505, 14.043



85, 16.330, 61.643



47, 5.023, 12.193



38, 77.648, 36.025



8, 29.366, 19.918

Inverse Universe

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



80, 20.019, 13.522



83, 25.505, 14.043



85, 14.833, 246.718



47, 5.023, 12.193



38, 77.648, 36.025



8, 29.366, 19.918

Previews

White Background



This preview shows how the CIELCh color 80, 20.021, 13.516 looks on a white background.

Color Contrast Check

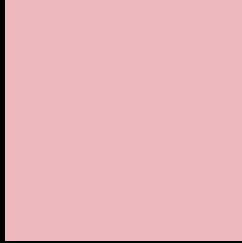
Large Text (above 18pt) WCAG AA × Fail

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, 20.021, 13.516 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, 20.021, 13.516

Background



This preview shows how black text looks on a background with the CIELCh color 80, 20.021, 13.516.

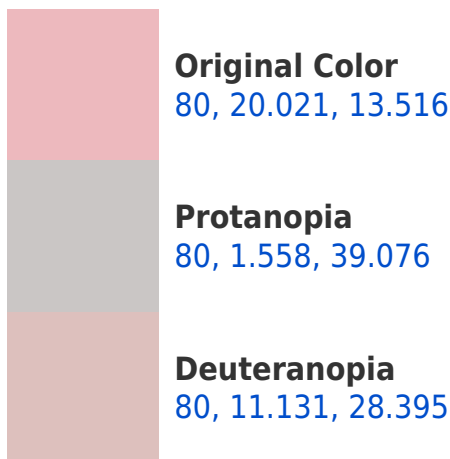


This preview shows how white text looks on a background with the CIELCh color 80, 20.021, 13.516.

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](#).

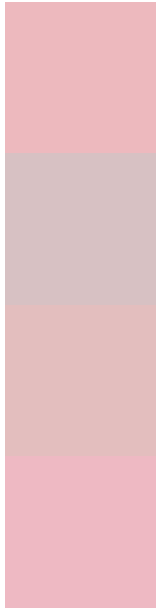
Dichromacy





Tritanopia
80, 21.578, 1.235

Trichromacy



Original Color
80, 20.021, 13.516

Protanomaly
80, 8.295, 12.670

Deuteranomaly
80, 14.077, 20.501

Tritanomaly
80, 20.711, 6.419

Monochromacy



Original Color
80, 20.021, 13.516

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, 20.021, 13.516 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(237, 185, 190)  
}
```

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, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 185, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 20.021, 13.516 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, 190) }
```

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

```
.border{ border-color:rgb(237, 185, 190) }
```

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, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 185, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 185, 190);  
box-shadow:4px 4px 4px 4px rgb(237, 185,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 20.021, 13.516 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, 190) }
```

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

```
.background{ background-color: rgb(237,  
185, 190) }
```

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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